

[Transcript] This Week in Startups / AI demos! Microsoft's Windows Copilot, ChatGPT multimodal, Meta's AI chatbots | E1821

If every single thing on your desktop is recorded and could be leaked at some point could be compromised in other words we know you're not just search history.

You know even incognito mode whatever's happening on your desktop is recorded whatever video game you're playing you know who you're chatting with you starting to get into a territory where. You are it's Truman show this is the Truman show your desktop is the Truman show now just let that sink in are you cool with that Sunday this week in startups is brought to you by.

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It's Monday which means some deep mantra from definitive intelligence is here to do this week in a I it's our A.I. roundtable every Monday the world's going crazy for it sonny everybody tunes in Mondays to see your demos.

And I know you've got a lot of demos lined up for us let's just get right into it enough with the banter.

They're here for one reason one reason only to keep up with a I and it is a full time job for you and I to look at this stuff every week let's do it.

Yeah it is and this week we're going to focus on big company demos and so what we always see you know this week in startups but yeah big companies are having to compete with the startups so this. Apple fix Siri.

No.

Amazon fixed Alexa.

Well they did invest a few billion dollars into anthropic after spending about a hundred billion on Alexa so that's kind of crazy.

Yeah all right so wait I got two of the big three what am I leaving out here.

No we're going to last week yeah so we're going to open a I we're going to do open a I obviously 90 billion dollars I think was the valuation that was being floated last week.

That's a float.

We're going to do Meta with the WhatsApp integrated chats and we're going to do Windows co-pilot as well.

What.

Yes Windows co-pilot is out.

It's it's it's out if you get your hands on it yes.

Oh I see I see I see okay well this one I have to say you know as the host of the show.

I kind of feel like we need to start with Microsoft.

Oh okay all right yeah the only reason I'm saying that is people forget that Microsoft is dominant on the desktop to this day you know we live in this little Apple bubble when you're in the tech business we think.

Somebody comes out with a think pad or whatever they call them today you know or Dell machine

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and you're like oh developer or a banker because you know a lot of the creatives use Apple product out here in the Bay area.

But the truth is the majority of the world still runs on Windows and Windows Windows machine over here I use Windows half the time my super powerful.

Why I use both am I my practice has always been my best practice have whatever the latest hot as Dell is because I like to have a gaming rig so heavy.

Gaming laptop up in Tahoe and then I have a Dell gaming tower here at home and then I have a MacBook Air and then I have a MacBook mini so I like I like to switch between the operating system since everything's in the cloud.

You can actually do that quite easily now I mean my my desktop Windows supports iCloud I don't know if you knew that you can have your iCloud drive.

There and the only thing you really can't have is iMessage so they that's the one blocker but when I'm on my.

Mac I just have my phone in my little anchor cradle ready to do iMessage and then I use a Logitech keyboard just for another quick little tip for those of you out there and it has three Bluetooth buttons on it now.

Okay and my second Bluetooth button is my phone so I can hit the second button open iMessage on my phone in a cradle I keep it in this like little anchor cradle kind of situation I'll show you right here I'll put up on the screen.

So yeah okay this is my favorite anchor cradle because it has a little watch as well watch and you can put here your AirPods AirPods and then it folds up if you wanted to take it on the road it's like a little tiny little robot but anyway.

I connect my my Logitech of course I love Logitech keyboards I take my Logitech keyboard to that phone just click that and I'll start typing a response to my thing and then I can click number one and go back to my desktop.

Wow so it works just really seamlessly but a Windows co-pilot my lord I mean I could be there would be no IT department if we have PC specialist which is my first drop title.

Had there been one so I gotta see this I gotta see this but you're okay you gotta when you brought a device.

Yeah I went in bought like a Windows laptop is the only way to really try it out so let's get right into it the Windows demo so I'm gonna share my screen and I go the whole screen here there we go and.

All right that's a Windows desktop that is a Windows desktop and beautiful you know kind of Windows 11 actually was one of my first times using Windows 11 use it so.

They've done a nice job kind of changing the star button search is integrated natively what you get here is you can see this co-pilot preview.

So there's a button on your taskbar yeah you still have the taskbar on Windows at the bottom and there's just a little colorful co-pilot what happens when you click on it.

You click on it and you get this right hand fully integrated and I have some stuff I've been doing and I did not know that out but.

And so basically it's ask me anything and so you can make a turn on dark mode so let's just you know your I.T. question you know people are gonna have this where dark mode in my settings yeah.

You don't even have to say where is it in the settings you can just try to turn on dark yeah and so you can say turn on dark mode it says turn on dark more sure would you like me to turn it on I say yes

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and there you go turns it off.

So yeah you can you know and so you can think about anything settings related how about you say how much memory does my computer have okay you know sometimes you want to ask your mom you know like you know I don't know what.

This is one of the first things the I.T. department let's say you know okay how much I didn't think of that when I was doing more of the settings thing.

And this looks like it's going to do a kind of a more traditional gen AI search when it does searching for it kind of going out to the model and.

It's coming back with like a here you go like go into the settings app yeah so it's this is what I expected it to do.

Yeah but for some of the things like the one I just showed you it's natively integrated like changing some of the settings and like they're just working through and it's still in beta mode.

But you know this gives you the standard way of getting it right so I did a web search with Bing obviously in the city and it gave citations it says learn more so it told you how to do it it didn't do it. It's another thing you know when you're on the you know when you're having problems you know would be really nice to know is how much disk space am I using and how much free disk space do I have.

Okay so let's do like even to this day you know this is going to do a search again search so I'm giving the windows people just so you know Microsoft you're welcome.

I'm giving you the it checklist that I would go through here like because these are things that the co-pilot should know but this is also a little bit dangerous sunny because if I can ask the co-pilot how much memory this has etc.

You know it's just could be a little challenging but you're asking it to open your printer settings that's an interesting thing that it should be able to do that I'm going to guess it does that.

Let's see oh it's still it's still stuck in responding to it's going crazy here.

You asked it to open my printer settings and again it's searching for it so it's some settings are on how about open drudge report let's see if it knows it's a website so don't put in the dot com just say open drudge report.

Okay let's see this is a very interesting one if it knows like what you want it to do.

So yeah open drudge report let's see if it does it.

Or you know like open gmail or something yeah because this is an this is an action we wanted to take yeah so it's searching so so far bad experience open and okay yeah would you like to open it's asking us if you'd like to open your web browser.

You can get to the drudge report.

Okay so it's basically queuing it up for us to click on the link so you could have clicked on the link there and just open drudge but that's interesting.

And how about you say I use it was it Microsoft Edge is the name of that so let's see if you can browser oh my yeah see if it will close the browser so it instead of closing the browser by hitting the X let's have a copilot to close it.

Okay see if it will close the browser.

Close my browser yeah you need to say edge or anything like that so let's see if it does that.

See if it does that close my browser yeah see now yeah I think they're probably there's going to be a lot of security concerns here Sunday upon like a lot of this is weird it did say open up yes adjust

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volume which is weird as well that's weird yeah yeah okay interesting okay.

If you're a sass or services company that stores customer data in the cloud then you need to be.

Sock to compliant you know that from a third party and you need that third party to close big deals and if you want to get compliant easier and faster you need to use.

Vanta V A N T A Vanta makes it so easy for you to get and renew your sock to on average and customers are sock to compliant in just two to four weeks.

Prepare that to three to five months without Vanta and Vanta can save you hundreds of hours of manual work and up to 85% of compliance costs this is a total no brainer and Vanta does more than just sock to compliance they also automate up to 90% compliance for GDPR HIPAA and more you can't afford to lose out on major customers we all know that.

Listen it's a hard year last year was hard you can't lose those major customers because you don't have your compliance dialed in just work with Vanta get your compliance automated and tight and tight is right lock down those big deals here's the best part Vanta is going to give you \$1,000 off that's ten hundies get \$1,000 off at Vanta dot com slash twist that's Vanta dot com slash twist for \$1,000 off your sock to.

They must have told you like here's things to do with it so I mean having it be a persistent chat GPT for for window is nice but what can it do that interacts with my windows desktop what can I do that interact with my windows.

And look I don't use windows day to day and like you know what it's really meant to do is integrate in like to all your documents and everything else so you can search through it I haven't been able to try that as a brand new machine I just wanted to.

Give it a try it kind of like the integrated experience what I like about this and you know this is you'll see some of the upcoming demos here it's just it's just there for everything.

And so and exactly and you know you've been talking about this with respect to your team and yourself and so once this is there it's overlaid on top of everything you know like you said it's starting to be interact integrated with some of the applications we can see the potential here of where this can go and you know.

Again they have this in preview mode so we probably have to give them a grade but like it's nice to see them have it out there and this feedback will just continue to make it better.

Yeah I mean my grade is like.

I give them an.

An A for ambition.

And a D for execution.

Okay there's no execution here so far that I've seen that I can't do by just having a window open with chat GPT for in it.

So it's great that it's in the toolbar but she that's kind of like showing up its table stakes I could put chat GPT for in there.

Really there have to be specific use cases that they've come up with now the reason I bring up security is yeah you know if this thing.

Is tied in to settings yeah and it's on the internet and somebody where to get access you know they're there are all these videos online.

Oh yeah on YouTube of like people trying to scam old people to do things like if you got access to the co pilot but you didn't have it.

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On the top level of the screen but you were doing stuff with it you know you could have a prompt that does something pretty gnarly in here.

It's really fascinating that you bring that up and that's maybe what but it's interesting that it let me do dark mode but it won't let me change my pointer speed because that's like.

Yeah but here's the dark mode there's no cost to it.

So when you're evaluating what to allow users to do you just look at the threat level right like so if you wanted to reformat the hard drive or if you wanted to.

Do a search of your documents like okay now we're getting into or passwords yeah you know that would be you know if you said hey.

What's my windows password you know like it's not going to tell you that so.

Yeah but you know I think.

It's kind of useless that in this current form it's just a window that's open but.

It's ambitious and what I would like to see it be able to do is each I'll give them a couple of ideas since.

You know we did have the Google bar team took notes and they reached out to us like they reached out yeah right away.

Three or four people DM'd to me and they're like we're going to get you know one of them was a little upset you I think you were CC'd he was like listen my mom's really upset about me getting a C. I've never gotten a C in my life you know some overachievers at Google and I gave him a C they were upset.

So I said work harder that's all but here's what we need to do for Windows.

I need to know what I've been working on all this time on my windows desktop so what I would want to say is something to the effect of.

What was I working on last week what were the websites that I visited most last year that I didn't visit this year right.

And so it has access to my history you know what zoom calls if I've done the value of this being on the desktop level and in the operating system level sunny.

Is that it has a hundred percent access in some ways it's like a DVR of your desktop.

A digital video recorder of your desktop it should know not just my browser history but it should know everything that's occurred on my desktop.

Yeah and it should know that like take for example if you were using WhatsApp signal.

And I don't know what's another messaging product but you know you're using a telegram yeah so let's say you used all three of those and slack.

You could it should be able to normalize those four and say who are who do I chat with most.

And it would know you have four chat programs and then make a list here are the people you chat with on signal people chat with telegram etc.

Or who should I invite to my birthday party it should say well these are some suggestions for who you should invite to your birthday party because look.

At all the different people you've been chatting with and you've been emailing with etc.

That's the kind of stuff you really wanted to do is to abstract the application layer and just have all the data every conversation I have across anything that's typed on the screen.

It has any news story I've read it should have so what do I know about fusion technology and what don't I know.

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Well if you're using your desktop all the time and it knows I've read these articles it knows those articles and the information is it knows what's not in there because it has the corpus so that makes sense yeah like.

Well you know it's an interesting thought I'll just add one thing to it like one of the superpowers of Google over the last 20 you know 25 years right because they just celebrated the 25th anniversary. Was that it was an intent it was a window into the intent of people's minds if you're not the only place yeah that had it because and now that's changing there's several companies that have access to that now.

That you know that you know kind of the examples you're giving could be really powerful for someone like Microsoft to implement alongside you know these models that exist I think those are really good ideas.

Yeah we had rewind AI on the program episode 1745 Dan Siroka from pronouncing his name correctly Dan with rewind AI is building this like desktop DVR and this is scary as heck because what it's doing.

Is it's recording every zoom call.

Everything on your desktop so if you went to a site that maybe you didn't want people to know.

And this is I think something that everybody needs in corporate America to understand especially with remote work and I'm having this conversation with my team.

We're recording every investment team call so I had to tell everybody listen assume at some point this gets leaked or somebody joins the company.

And searches are archive of you know investor calls and then they leak your video interacting with somebody or they leak a conversation and then whatever you did the stupidest thing you did is now recorded.

Because in order to get the value from AI we have to give the corpus to AI now whatever was published on the web somebody hit the publish button.

But assume that every zoom is now being recorded and summarized assume everything you do on your desktop every single key will be recorded by AI and studied.

And this is going to be like the next weirdness that we have to get through as a culture and I don't you know like GPS was one of them do you worry that people know where you are all the time because your phones in your pocket.

And that you can be tracked everywhere because the value of having GPS is greater for me.

Precisely now if every single thing on your desktop is recorded and could be leaked at some point could be compromised.

In other words we know you're not just search history you know even incognito mode whatever's happening on your desktop is recorded whatever video game you're playing you know who you're chatting with.

You know you're starting to get into a territory where you are it's Truman show this is the Truman show your desktop is the Truman show now just let that sink in are you cool with that Sunday.

Well look I think because you were okay with it because of the value of GPS.

Yeah what I would say is like it's Truman show and like minority report a little bit because remember in minority in minority report you know outside the stuff with the pre cogs it was about a society that understood each person like all the advertising was customized.

That's the first time we ever saw that when Tom Cruise went up to something like a little terminal

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and it gave a customized ad and it's purely customized and everything they did.

So this is a version of the future that you know in sci-fi has been proposed before like I think overall I'm okay with it I think it just comes down to controls like I do think if you're doing something in incognito mode for whatever reason it is like it shouldn't make it into these systems and they have to obey that.

The problem is trust like I do trust Microsoft more than maybe a random startup right.

Yeah of course they've been around longer they have more to risk and a startup will bend the rules and break the rules and we see abuse at startups in the early days Facebook had to reprimand a number of employees who were stalking their ex in this case it's girlfriends because it was male on female data breaches.

There was a number of people and before they had the controls and and Uber had a the managers of Uber could watch for security reasons obviously what was going on in their city.

Now that became hey who has access to that and you know famously be like oh a politician is going from point A to point B what if point B is somewhere the politician doesn't want you to know they're going.

Yeah yeah you know at a time and then they're coming home at a certain time like you literally if you think about your Uber like you and I leave the club at four a.m. and come back to the hotel like.

Okay yeah people are like hey well why a sunny and Jake I'll coming back from it you know.

You know we are on our club Marquis or whatever you know because we're popping bottles let's be honest yeah we're having a good time.

Yeah it's a you know brave new world.

Brave new world is a good way to say it yeah right okay so flip this this needs to go to Satya Nadella D.

What do you give them.

You're such a forgiving grader I feel like you're just giving them like a participation trophy.

No I'm a builder dude it's hard in today's world at the pace that these things are going.

What we've forgotten about is we're getting this stuff we used to get a Windows release every five years.

You get a new CD-ROM.

Yeah exactly right and now look okay we're approaching one year this November 30th last years when chat GPT was released less than one year later it's integrated into Windows.

That's what I and in a big corporation and I've done stints in both like startups that have been there it's hard to get things to move this fast and so to me I think I'm really enthusiastic about the pace of innovation because that's what leads to us as consumers.

Getting you know more so your letter grade is.

This one I'm going to say b-minus it's b-minus okay so you're you're grading on a very gracious curve here.

We do want them engineers curve.

We want them to release stuff early and often so okay yes I'm just I'm just giving it the actual utility for the user I give it a D.

But what do you think Microsoft if we give Microsoft a couple of notes here I came up with a couple you have any that you thought would be interesting that would be like a good next step for them.

You like changing to dark mode but what else would you like to say.

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Yeah I mean I think you'll see this in some of the upcoming demos as well like a little bit more there's like a little bit of like a blank start problem with these right when they first start there needs to be a little bit more.

Like and you know the LLMs are good at that they need to kind of prompt you a bit more and like you said like look at what's going on with your information your machine.

My next question exactly kind of get ahead of it a little bit hey can I help you with a search which are uniquely qualified to do it's like this thing can read your mind.

So why isn't it reading my mind when you open it it should say here are some things I can do.

Yeah I can change from light to dark mode I can find a document you can't find I can tell you who you're emailing with next year and you could actually.

Click those and they're prompting.

Or if you're having some problem like we were going through the IT support stuff hey it looks like you're having trouble connecting to your printer or whatever it happens to.

Yes that's what it should be yes of your error messages you keep having this printer run out of ink.

Yeah would you like to get a subscription.

On Amazon to ink you know like that's actually a really interesting thing it could actually give you life.

Hey I see you're searching for travel on Google flights all the time.

You know Expedia is ranked above Google flights or vice versa would you you know you should try that or here's some other websites.

Oh you read Drudge report did you know about you know tech meme or inside dot com here's some other ideas for places for you to go.

That's actually would be more valuable because they're in they're informing you of stuff that you don't even know to ask.

Yeah and that's that's where you know what this whole next era is about kind of knowing what I want having it ready for me and kind of partly doing it for me as well.

I would like to hear them maybe say hey you're having memory issues you might want to.

Upgrade your Firefox because you're on an old version and the new version does better memory management or hey you know your zoom is breaking up.

You're on a slow Wi-Fi did you know that there's a higher version of Wi-Fi.

You're you know or you've got a lot of collisions on your network maybe you should upgrade your router like there's the kind of stuff the it stuff where it could give you suggestions proactively looking for bugs and stuff like that.

Viruses but you know I have gotten a ton of.

So anticipatory I.T. support let's just put that in a bucket right okay everybody.

At Microsoft I would also add producer Nick dropping in the conversation famous producer Nick.

If I was Microsoft I would also add a prompt when you open especially because they know if it's an enterprise device or not if it's an enterprise device start a prompt what is your job role what are your goals so it knows hey if you're a developer.

And you're trying to work on your let's say you're in a giant Excel file right and you're doing something with Python and your computer is overheating as I'm sure all of us have had before right you open a big Excel file and your computer starts making crazy noises.

Okay well guess what zoom is taking up a lot of compute so if you quit out of zoom then maybe your

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Excel file will run a little bit smoother it should be able to tell you that and if you could do that I mean it would be incredible.

Yeah it could give you a suggestion as well hey I think that you're in the accounting department or I think you're a sales person is that your role.

Or give me your LinkedIn and it looks at your LinkedIn and now it's like hey I know your LinkedIn and I know who you're chatting with by the way.

Did you know you have these 10 really important people on your LinkedIn I had a moment today. Where somebody was like hey this person would be a great LP for your fund I go to LinkedIn I look at their page and it was like except there.

They had asked me to be a connection I don't know when how many years ago I never accepted it because I have too many coming in.

So this idea of like understanding your job role is just a great one Nick and then how do you like your.

Stuff format because chat GBT only knows what I tell it and what I've interacted with it whereas Windows desktop knows everything I do.

That's the big win so it should be building your persona over time hey I see that you're a Nix fan I see you're a Warriors fan.

Did you know there's tickets available for tonight's game at a very low price did you know that the Nix like it should know the Nix are playing the Warriors.

You know or the Sacramento Kings and tell me that.

Between my browsing history in my downloads folder yeah you know everything I mean my download yeah your download folder is pretty intense I'm gonna leave it at that.

All right this has been great so Microsoft the potential is life changing here your execution is underwhelming I give you a D send it gives you a B minus.

But I didn't give you a D minus just gave you straight up D.

Creating a job and finding qualified candidates it's so time consuming don't I know it I'm trying to add five positions right now because things are going so well.

At the launch fund but you know what I have a secret weapon and I'm gonna share it with you.

LinkedIn jobs they're about to hit a billion users over at LinkedIn so just think about all the insanely qualified people that are there looking for work.

You just go post your role on LinkedIn and you will be a hundred percent certain that you got access to the most qualified candidates and guess what first one's on us that's right first drinks on us.

Go to LinkedIn dot com slash twist and post your first job for free you got nothing to lose and that will give you that purple ring on your profile you see that everybody's got the purple ring now that means everybody in your network knows you're hiring they click on it and you'll get those friends of friends right those are the really high quality leads.

That you want applying to your job because there's someone in your network we can vet them.

So I did that for launch and I do it for inside and we found so many amazing people at our company when you think LinkedIn jobs I want you to think better candidates faster.

Let me say that one more time better candidates faster LinkedIn jobs will help you find the qualified candidates you want to talk to faster push your job for free and LinkedIn dot com slash twist that's LinkedIn dot com slash twist to post your job for free terms and conditions to apply.

We knew that this dogfight was coming bar dropped their plugins now multimodals here have you

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played with it.

I have and it's been pretty incredible is multimodal available to everybody or do you have to turn it on.

I think if you have enterprise so basically we're going to drop in right now and we're going to do a couple of demos ourselves I'm going to give some credit just to the community who's done some remarkable ones which I think some people would have seen on Twitter like the point.

Parking sign one and the find the Waldo one but let's get going here so let me just get this window open and we have a couple of ones I think Jacob will appreciate these a lot too.

Here we go.

All right.

So I see you uploaded a picture of a hamburger with an egg on it.

Yep.

And I said a question.

How can I make this?

And then what you see chat GPT does is let me first take a look at the image and understand what you're referring to.

I'll display the image.

And so it basically loads the image up itself.

Which you can see here is a.

Very particular.

With a little arugula and an egg with a week.

Yeah.

We assume there's a burger patty under there.

I see some great cheese under there.

That's what the human sees.

Yep.

And it says it looks like a delicious burger with an egg on top.

Okay.

Make this burger with an egg.

You'd need typically need the following ingredients.

And so it lists out the ingredients here patty, bun, lettuce, egg.

Right.

And then it gives you the instructions.

Wow.

Yeah.

So it's like kind of trying to reverse engineer it.

You give it an image and then it works backwards.

So it knows what's in the image.

It knows that you want to make it.

So it gives you a recipe.

And this is multimodal as we discussed.

Image first.

Yep.

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You input an image and then you work backwards.
So here you did another image.
Yep.
And what did you ask you with this one?
Well, I know this is a big thing for you these days.
After you've been on the ozempi and workout regimen.
Yeah, I'm on the ozempi.
People saying I have ozempic face now.
I don't think it's that bad folks.
But I mean, maybe in another 10 pounds I'll have ozempic face.
And so I gave it a limit to analyze the aesthetics of this outfit and estimate the cost.
Oh.
And so here you can see here it uploads the image.
And this is first, I'll take a look.
Oh.
So that seems to be like a step it takes when you give it an image.
It does the take a look.
It's almost confirming with you what it knows.
Correct.
And then basically it goes based on the image displayed overall style.
It says modern and leads towards smart casual or business casual look.
I would take that.
That's a smart casual look.
I agree.
It's a person wearing a pair of slacks with a blazer, not a suit.
Yeah.
He does have a collage shirt on, but he has gone full chum off.
He's down at least three buttons and he's definitely thinking about going for the fourth.
Yeah.
Color palette is muted to neutral.
Okay.
That's right.
It's a common choice for outfits.
I'm aiming for versatility and a timeless look.
Yeah.
Personal.
Shirt, blouse, jacket, blazer, trousers, and then it couldn't find any accessories.
It's very interesting that it knows it's trousers with a jacket or a blazer as opposed to a suit.
So, I mean, I know this is obvious for all of us, but for men's fashion, it is a very different look to combine separate pants and jackets.
So, you can buy trousers and you can buy jackets or you can buy a suit.
And this is a, you know, when you start mix and matching tops and bottoms, that's when you can get yourself in trouble.

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And the suit abstracts that away, but it knows that this is smart casual.

Now, did it bring up the fact that there's a hanging pair of a tortoise shell sunglasses in his pocket?

Did it notice that?

Let's see.

And the accessories.

I cannot pinpoint any specific accessories from the image.

So, it missed that.

It missed that.

Okay.

That's what the human got, but it didn't because I know everybody loves like parasol.

I think they call that tortoise shell.

That kind of like...

Yeah.

That look.

Yeah.

But you can see how this is powerful.

And then, you know, one of the things that we should do here is just go to, you know, Greg, who's the CTO of Open AI.

He's been sharing some great posts.

And so, you know, here is why...

And this is, by the way, Peter Yang.

Just shout out because we talked about this on all in and he was thrilled that he got a name.

But he didn't get a...

We didn't say his name on the show.

So, I'll just say that now.

So, he gets it.

Yeah.

Explain this one.

Yeah.

So, basically what he did was like, we've all tried to park in some ridiculous parking zone that has multiple signs with, you know, different exceptions.

And chat GPT was able to work its way through the reasoning of all these different conditions around parking.

And there's an image here with, like, it looks like, you know, maybe five different parking conditions and it determines that you can park there for one hour starting at 4 p.m., basically.

Yeah.

It's like one of those New York crazy, like, don't dream about parking here 17 different ways and you're like...

Yeah.

Yeah.

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But there were some other interesting ones that I just want to give a shout out to, which I thought were super fun before we go on to the next demo.

The one I liked most.

I think you just passed it was this code one where somebody was drawing, like, a UX and then it wrote code.

Oh, yeah.

Yeah.

That's not that one there.

Let me do this one first.

I'll go to code one.

Okay.

But finding Waldo, which is pretty interesting, you know, we've all done, where is Waldo?

Sure.

Did you see this one?

The children's book.

Yeah.

The children's book.

And so, it was pretty incredible as Waldo is located near the center of the image.

She's standing next to a table.

So, in this image that I have up hold up here, you can see he's right there.

There he is.

Yeah.

Yeah.

And then, yeah, the code examples were excellent.

And so, if we go back to, yeah, so what McKay does in this particular example is basically he has a whiteboard drawing of a workflow for his application and it, you know, talks about like sort of how he's going to, like a sort of a sign up form that then leads to an output of like a site or which goes to like a kid's version or an adult version essentially. And, you know, he takes it, basically talks about taking an email, a name, and then has chat GPT generate the code for it.

He then takes the code, sticks it into a, you know, ID tool and then has it working.

And so, this is very, very powerful and advancing very quickly.

You know, who thought last year when this came out that we would be able to just do a whiteboard image and from whiteboard image concept and think about the number of tools that have been created.

Jacob, you've probably even interacted with these before, right?

Tools for mocking things up and just having, you know, designers just create like, of course, like invasion balsamic.

Yeah, exactly.

Yeah.

Exactly.

You've used them.

There's tons of these.

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Yeah.

Yeah.

Now you can just wire framing tools, basically workflow tools, Figma, obviously.

And so here, you know, it's explaining, you know, like the logic flow, et cetera.

And I guess chat GPT understands this and then can make it code and, you know, where this is going, folks, is, you know, in the future, Sonny and I will have a third co-host here.

And if we were talking about building a piece of software and having a brainstorming session, chat GPT before would be a guest, would be a participant in your Zoom call.

So just imagine next year in the Zoom call is an AI and that AI is taking no three.

Well, that's already happening, right?

That's built into Zoom.

Now imagine that AI, one of them is a developer.

And the developer or the UX designer, when Sonny and I said, wouldn't it be good if it did this?

Wouldn't it be good if it did that?

It actually made the spec.

It wrote the spec like a product manager.

It designed it and it wrote the code and then sent it back to you and was showing it to you in real time.

All right.

You know, I've been on a health kick over the past year and you know, I care about data driven solutions and if you listen to this podcast, I bet you do too.

So let me tell you about Fitbot.

This is a data driven workout app that blends machine learning with exercise science.

Fitbot creates custom dynamic workouts programs based on your fitness goals, your experience and most interestingly to me, the available equipment.

Let's say you got a bunch of kettlebells or let's say you're at some, you know, sparse gym at a hotel or you're on vacation, you got nothing.

Well, Fitbot will maximize your fitness gains by varying the intensity and the volume between your sessions and leverage the equipment you have or don't have.

This is a case may be you can customize the length of your workout, what muscles you want to target and so much more.

So let's say you want to get a 30 minute workout in and I want to do chess, triceps and abs, but I'm staying at an Airbnb.

There's no equipment.

Fitbot can create a perfectly optimized workout for me based on these parameters and it will do it for you too.

Check it out.

It's amazing.

The design of this app is extraordinary.

I was able to invest in it.

That's how impressed I was with it.

Fitbot takes the guesswork out of fitness.

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So now when we talk about job destruction, now you're starting to see it compress.

So if you didn't understand or believe when Sonny and I told you, hey, there's going to be whole swaths of jobs going away, now you can see it.

Imagine and sometimes it just takes a couple of steps for you to be able to visualize it, but it used to be that somebody would be in that white porting session or somebody would be the note taker in a meeting.

The note taker is gone.

The note taking from Zoom is better than a human can do today.

So just to Eric and his team at Zoom, congratulations, anybody whose job function was to take notes, that's gone.

And that usually would be what, an hour or two for somebody, and they would circulate the notes from a meeting, that function's gone.

It's done.

It's gone.

It's gone today.

Now, in corporate America, how many meetings occur per week?

How many meetings do you have at Divinity of Intelligence a week, would you say?

We try to limit them to a couple, you know, kind of picked off of what, yeah, what, you know, Toby and folks have done at Shopify and eliminate them, but you still have to have, you know, kind of.

One a day.

You go to one meeting a day?

Two meetings a day?

Well, customer side more, but internally try to limit it to one or two a day.

So even with customer side, okay, so now we're talking about 10 a week.

10 meetings a week, two hours to summarize them and take notes is 20 hours gone from your company, 20 times 50 weeks is 1,000, 1,000 hours a week, the average, you know, person theoretically works 2,000 hours at a startup, it might be like 2,500, and then corporate America might be 1,500.

So you're either getting rid of a half a job or a job.

Just with that one function.

Now you take UX and design.

You take, you know, that portion of it, I think you're going to cut that job, or at least half the job, or instead of having three people do UX design, you're going to have one.

Is that what you think is happening here?

Yeah.

And if I could just like talk about something that, you know, John Chambers, who was a long

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time CEO of Cisco, and I started my career at Cisco, I was at a startup.

You did?

I didn't know that.

Yeah.

Yeah.

And, you know, he had this saying about the pace of innovation.

He wrote a book recently and he was talking about it, and, you know, what he says, like, look at the cycles of what we've seen, and he kind of just used, like, operating systems. And he said, like, you know, we used to have a kind of mainframe operating system cycle was 10 years, then we went to Windows and it became five years, then we went to apps and it became every year, right, with like iOS, right, you get a new version of iOS every year.

And so you're already seeing like a 10x compression and how fast the underlying, you know, systems that you're innovating on are kind of moving.

Now the pace of innovation is down literally to minutes and hours, right?

You can sit somewhere, map something out, have a prototype created, you know, deploy it into one of these clouds, like, you know, pick your, you know, replica, colab, whatever you want.

And so we're really compressing the pace of innovation faster than anyone seen before.

And that's why even you, you know, I'm surprised I'm giving those grades.

I'm like, wow, like, I can't believe this big company integrated this thing into like one year because we got so used to seeing new releases every year.

Now the expectation is quicker.

So yeah, so the expectation is quicker.

The ability to launch new things is quicker because of AI and competition is forcing people to go faster.

So you have this.

And then I think consumers, and this is a bit, I got to give open AI credit for release early and often and be embarrassed.

And they did not care about hallucinations and they did not care about being wrong and they did not care about the legal issues.

So beg for forgiveness instead of asking for permission is a longstanding tradition, you know, in technology, it can get you in a bit of trouble.

It's open AI has got a wall of lawsuits to get through on all the stuff they trained, all the images they stole, all the content they stole to do this, and, you know, they're going to have to work through those, but to their credit, what's that?

Open to closed.

Open to closed.

I mean, these are just details, as Vanu Cozla has reminded us, suddenly, these are just details.

I mean, I literally, he's going to be my mantra, whenever anybody challenges me on anything, they're like, hey, Jay Gal, when I get pulled over for speeding on the 280 next time, the guy's going to be like, you were doing 84, you know, Jay Gal, and I'm going to be like,

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those are just details.

Details.

I was driving safe.

Big picture.

I'm in a safe car.

I'm a great citizen.

I create a lot of jobs and I'm attacked there.

Incredible.

Oh, so incredible.

So, but I think to really help people visualize this, they took a picture, they gave it to ChadGPT4.

It did stuff.

But I want you to imagine a robot being in that room, if you will, an android, like from Blade Runner, and the android's in the room, and it's participating in the meeting.

That's the little gap.

That little gap is going to be a big change.

Now, I haven't heard one person announce that yet, but if the note taker was live and the note taker was interjecting in the meeting and said, excuse me, I have three action items and I've put them into the chat room, will you confirm that those are actual action items or let me know if you don't want them as action items?

If you did that in real time or at the end of the meeting, imagine if the person at the end of this podcast said, hey, just some notes on the podcast.

You mispronounced this word and you forgot to thank this person, you know, whatever.

You'd be like, whoa, they're acting as a producer of a podcast, right?

The producer AI is coming.

This is all really interesting.

And this is why Microsoft and Google have massive advantages because they're just involved in your day-to-day life so much more than...

Just one level beyond that, J.K.

You and I have had this debate before and I think you're coming towards my side on how fast things are going to happen, which is...

Because I was always calling it more like 18 months.

What if the feedback that you gave Microsoft on that demo was taken through a note-taking AI and then another AI analyzed it, built the spec for it, and then another agent took that and wrote the code for it?

Yeah.

So, you're saying multiple agents, like what do we call that, baby GPT or whatever they were calling it in the early days, but agents...

There's a few different ones.

Yeah, auto GPT.

Auto GPT.

There's baby AGI.

There's a few of these.

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Yeah.

So, that's actually very interesting.

So, let's think about this for a second.

There's real-time interaction with humans and bots.

And then there's bots going off on their own side quests and building stuff.

And so, that's two different modalities for us interacting with superintelligence.

Yeah?

Totally.

Yeah.

Like, it's us seeding something for them and then iterating on it like the way humans do, but sort of endlessly until it gets to a result and then presenting it back to us.

See, this would be very interesting.

If I could say, hey, I'm raising my fourth venture firm.

You've been involved in all the meetings.

You have the database of all the folks.

Give me some strategies every morning for what I should do next.

And this would be like a coach.

I've always thought of like, oh, I wonder if I should have a coach or something for either as a performer, as a host of podcasts, or should I have a coach as a CEO or an investor?

And I never actually took the time really to do too much of that.

I've tried it a couple of times with folks.

But I do recommend it to, I think, first-time CEOs.

But this could be like the coach that's watching you.

This is where like a Google or a Slack could be a really interesting coach.

I can imagine if Slack started telling you, hey, you could be more positive or Zoom started telling you, you know, your tone, and I guess Gong does that and some of those other, that category of products.

Yeah.

Good segue, Jay Cal.

You always do this.

It's like you have this.

The master of the segue.

You are the master of the segue because, you know, we're kind of there.

So you, you were asking about, you know, wanting to go on walks.

So inside the app version of chat GPT now, which I just have open here, you'll see if you enable in the settings like voice chat, it's not input.

And you got to go in the settings and you'll get this little voice chat here.

And I'm going to click it and you're going to see this pop up.

And so this is conversation mode.

So explain the theory of relativity to me like I'm a five-year-old.

All right.

Imagine you have a toy car and a toy airplane.

If you push both of them, the airplane goes faster than the car.

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Right?

Now let's say there's a little clock inside each toy, the faster the toy goes, the slower.

So we've seen that example before, but when you're in that mode, it just goes into a constant chat.

And so instead of listening to a podcast, Jay Cal, so what I'm going to challenge you on your next walk, on your next, you know, and you're doing these like walks now, your hikes, put it in that mode and basically...

I don't have this mode.

No, wait, you're saying this is under settings?

Yeah.

You click the three dots and it may also be an enterprise feature.

I think it's enterprise.

Yeah.

And then you go to...

Your subscription says enterprise, not chat GPT plus.

Mine says chat GPT plus.

It says new features.

So down about in the middle here, Jay Cal in the settings says new features.

Oh, I don't have new features.

In the settings page?

Oh, wait.

Where's the settings page?

Color.

Okay.

I see color scheme new...

Oh, new features.

Yeah.

Oh, voice conversations.

Found it.

It was two levels deep.

Okay.

So now I have voice conversation.

Oh, then let me try.

Yeah.

Okay.

Here we go.

So now...

Oh, I hit that headset mode in the top right.

I hit the headset.

Yeah.

And it's just...

It's now...

You can talk to it.

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I'm trying to lose weight and I like to eat a lot of protein.

What's a healthy lunch option for me?

Okay.

It's thinking.

Mmm.

We want it to be faster here.

For a healthy lunch, you might consider a grilled chicken salad with lots of leafy greens and veggies.

Okay.

So...

And a vinaigrette made of olive oil and lemon juice for healthy fats.

This gives you a good balance of protein, fiber and healthy fats.

Would you like more suggestions or perhaps a detailed recipe?

I hate chicken.

Can you substitute another?

I hate chicken.

Can you substitute another protein?

Of course.

How about a tofu or tempeh salad instead?

That's a terrible suggestion.

I like dead animals.

You can add a tofu or tempeh and some soy sauce and spices, then grill or saute it.

Add it to a bed of leafy greens...

No.

...mixed veggies...

No.

...with some avocado slices.

That's a horrible suggestion.

I want more appealing to you.

That's a terrible suggestion.

I want dead animals.

I got it.

How about a steak salad, then?

Okay.

Here we go.

And interestingly, there's a tap to interrupt.

So you're lowering tenderloin, slice it thinly and add it to...

Do me a favor.

Can you talk three times faster in this chat?

Good suggestion.

I can't control the speed of the text to speech, but I'll keep my answers brief for quick comprehension.

How about a grilled steak salad with veggies and a light dressing?

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That sounds great.

Protein and low in carbs.

What do you think?

That sounds great.

Is there a way for me to order that on Uber Eats?

Certainly, you can find a variety of restaurants offering steak salads on Uber Eats.

Just open the app, search for steak salad, and look for options near you.

Make sure to read the ingredients to ensure it...

Okay.

So, you know, it sucks.

Again, D. I give it a D.

Sorry.

It sucks.

It's too slow.

It's too wordy.

But...

No, actually, I take it back.

I'm going to give it a C+.

Okay.

Okay.

No, I made a mistake there.

It's a C+.

I think the interface is almost perfect.

Yeah.

It should let me interrupt.

I don't like tap to interrupt.

I do not want...

I want to stop this thing because it talks in a monotone.

It's too frickin' slow.

I need to stop it because this thing is like dealing with C3PO and I'm Han Solo.

I don't have time.

I've got to navigate in an asteroid field.

Shut up 3PL and give me the data I need.

So, I think there's an efficiency thing here.

If this is going to take off, it's got to be more efficient.

Period.

Full stop.

Yeah.

But J. Cal, what you just talked about there...

It's pretty cool.

Interrupt mode and like speed up mode, those are features that engineers can bang out in like a week.

A day.

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Yeah.

Sure.

Yeah.

Sure.

Once you have that...

I mean, think about podcasting or think about like what you're listening to, how that's going to fundamentally change.

What I was...

That's what was on my mind.

All the stuff I want to learn about now I can do when I'm on my walk or doing a workout, I think that's incredible.

Just have it there and really listen to it.

Yeah.

I have to say, this is, again, starting.

We're starting to see the future here.

It's revealing itself by just turning over cards.

We saw the flop, that was language models.

Now we're starting to see the turn, which is, hey, these agents are going to be hanging out all around us and working with us in real time.

That's the turn at the end of year one, because you're right, Chess EPT4, exactly right November of last year.

Now, what's the river going to be here?

If we're going to take a guess at the river, what's the final card turnover?

Because I think we are in agreement.

Language models was a flop.

Yeah.

The turn is these bots, multimodal, they're interacting with us, they're peers.

What is the river?

What's going to be the final card here?

AGI.

That's exactly what I was going to say.

Why?

Explain what it is and how it's going to work.

Then how far are we from it?

All of that.

What it will be is right now, and it's sort of like building on the feedback you've been giving it, right?

It's like everyone should understand the profile of Jake Cal, right?

When you want to launch a product, you want Jake Cal, you should know it should be very brief, it should be quick, you should be able to speed things up.

Personalization will be the key thing to AGI in that you don't really need the generic notion of AGI, but something that is built custom for you.

The experience is providing you, doesn't require you to continually tune it and give it all

this feedback.

I think we'll see that first and then beyond that, there's a line that people start to cross where it gets scary, which is it already knows what you have to do and it does it for you and think about your day, Jake Cal, and how much of it could be automated, right?

It really could.

If something was monitoring you every day, not to say what you're doing isn't valuable, but there's probably 80% of your day that could be automated by an agent that's replicating what you're doing.

Then it allows you to either work less or refocus your energy.

I think we're going to get that in terms of timeframe, I still stick to 18 months.

You'll be there and you're talking about we already have these inside the Zoom, someone taking minutes, they'll be like a virtual Jake Cal and interacting with the combination of launch and inside and doing 80% of what you do.

Pretty amazing.

I feel like we're getting very close to the end game.

These agents, right now, we have to go interact with it.

The agents are going to be proactively and in real time interacting.

That's going to be year two.

Then I agree, year three will feel like AGI, general intelligence, basically.

General intelligence, I guess, is how do we know that we have achieved the general intelligence?

You're just going to hire men, right?

And Jarvis?

Jarvis, yes.

I think movies do a good job of telling us what we want and how it should play out.

Jarvis does an incredible job.

Yes.

If you watch the Iron Man movies, even they evolved, like what Jarvis was capable of doing, it also did something really terrible when it merged with Ultron, right?

The age of Ultron.

Yeah.

And then tried to destroy all humans, but let's assume that doesn't happen.

The rest of it was incredible, right?

How it interacted with Tony, how it helped Tony, it wasn't asking so many questions.

It was proactively.

It's interesting that you mentioned that, because in the early ones, he was telling it like, do tasks, do this task, give me this armor, but then by the next one, it was kind of informing him like, hey, this is happening, we have, here are some strats, it was more strategic as it went on, and then it became kind of its own entity, and that's when the problem happens.

Shout out to John Favreau and the folks who constructed that world, because they did actually take you on that journey.

I think it would be something to look into of how long that tech took to be adopted by people.

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And I think one of the things that's incredibly frustrating to me is I'm trying to get people on board with this in my organizations, and it's like I'm pushing them and dragging them and prodding them and asking them in their daily reports to link to and share links with everybody of what they're using it for, and you know, some people are, you know, old dogs don't learn new tricks.

I think what's going to happen here is, there's a lot of new tricks coming, folks, and if you don't learn these tricks, you're going to be an old dog, even if you're young, even if you're 30 years old and you don't use this technology, you will be putting the old dog. You'll be put out to pasture.

You know, they put those old dogs down.

Do you remember the site that was like, why don't you Google it or something?

Yeah.

Let me Google that for you.

It was famous.

Let me Google that for you.

There's going to be, let me GPT that for you.

Whenever someone asks me some basic kind of question, I just put in a chat GPT and just send back the chat GPT share link now.

Let me Google that for you.

I just respond with that.

I just respond with that.

That's hilarious.

Yeah.

Yes.

I mean, I did that recently with my team.

Yeah.

I shared them a link.

Yeah.

And you know, as the data becomes, you know, more integrated and structured, as we saw with Bards integration, and now they just put Bing back online, I think I noticed about the Bing being turned back on in chat GPT before, is that it's faster and more stable now.

Remember it kind of crashed every time and it wasn't very good?

That's why they took it out, right?

Because I think it was slow.

Oh, was that the reason?

I thought it was copyright issues.

I mean, it's probably a combination of things, but I think, you know, improve the user experience wasn't quite there, and it's much better now.

And I think it took sort of the, well, you know, even Google had an announcement last week around Robots TXT.

You can have it say, you can use me for search, but not for AI, right?

So I think everyone was just kind of going through that compliance world as well.

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But I do think when it comes to building these systems and having LLMs interact with like existing systems, there is work to be done.

We even see that in our day-to-day, and I think it's, you know, it's happening in the background really, really quickly.

Well, here you have it, folks, here, let me share this with you here.

I think, you know, this is where the browsing is actually working pretty well.

I just asked it, what are the top five news stories today?

And I think it's a pretty good summary.

New York alleged Trump committed over one billion in fraud during their trial.

Nobel Prize, Ukraine's taunting Elon Musk, and a meet, taunts Elon Musk post, a meme mocking Zelensky, over a hundred Amazon dolphins found dead due to heat and drought.

And it did put, look at that, it did put a, and it did this from the Reuters site, and it did put one citation.

Did you notice that?

Put?

It sounds like all the stories were cited directly from here too.

I see three of them at least.

Yeah.

Oh, four of them.

So it just took the, you know what it did?

Reuters top news page and just pulled it out there.

So that's interesting.

It's going to, yeah, that must be like a top news page that I found.

So interesting.

We're getting there.

Sonny, can I ask you a technical question about these LLMs and how useful they are?

So I found the most useful for us, for our use case, is Claude too, bi-anthropic.

The reason being, exactly, their context window I think is like a hundred thousand tokens or more.

They put in an entire novel and it can break it down for you.

ChatGPTs I've read is somewhere between 10 to 20,000.

Why is Claude so much larger?

Why hasn't ChatGPT or OpenAI made theirs larger?

And what is stopping everyone else from doing that?

Is it just a matter of compute or it's just the way that they structure their LLM or have they figured something, has anthropic figured something out that OpenAI hasn't?

So kind of a couple of good questions in there.

Let me try to summarize.

So I think ChatGPT in private beta has 32K or if you're an enterprise customer, they have 32K available through their APIs.

And so everyone is increasing.

I think it started with like 8K or 6K.

So we're already starting to see that people can increase the context window.

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So it's not a limitation.

I think it was just focus and the founder of Anthropic was the head of engineering for or head of research, sorry, for OpenAI.

And I think like it happens in startups, his idea was like there's some core principles that came out of the Google papers.

And his thinking was the value would be more towards creating a bigger context window where others probably went for bigger parameter space.

It's just sort of...

And remember, we talked about this before, think of like more parameters as more neurons, like the more powerful the brain is.

And a context window is just like another, I don't want to call it a feature, but it's just like another element of making these things.

And they focused on taking that in.

It's just when you do that, it requires sort of like a different initial approach.

But my guess is within six months, we'll see all of the large models, including the open source ones, have those super large context windows.

It's not like a barrier that's like no one else can catch up to.

Right.

So maybe I just have a really niche use case for it.

And you just use the Claude that's like available generally.

It's not paid or anything.

So Anthropic is just free.

And Anthropic was the one that Amazon just put \$4 billion into.

Am I correct?

Correct.

And interesting, Google put a couple hundred million in just a few months ago before that.

So that's fascinating.

Yeah.

And yeah.

And then what about the spout model?

Yeah.

We just as per...

Yeah.

So we transcribed, if someone's coming on the podcast, we transcribed their recent interviews.

Right.

Sometimes it's an hour long podcast interview.

We get all of it into a transcription and we upload that transcription as a TXT file into Claude and it gives us like the top 10 to 15 bullet points of the most interesting things they said, the things that are key takeaways.

You can't do that in chat GPT because their context window isn't big enough.

So that's why we use our I use Claude for more things than I use chat GPT for right now.

It's really interesting because I do think that these are all stealing content from the

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same web pages.

Like I asked it, who are the best business authors to have on my podcast?

And it's Simon Sinek, Daniel Pink, Malcolm Gladwell, Brené Brown, Seth Godin, Amy Cuddy, Adam Grant and Patrick Lencioni.

Okay.

Now I asked chat GBT for the same exact question, right?

Top business authors.

And I think they're sourcing from like the same pool because it gave me almost the same exact list.

Well, we just really talked about this, right?

J.K.

I'll do one of the, there's not just one, but there's a few core data sets that everyone's trained off of.

One is Common Crawl.

Yes, Common Crawl, right.

And my guess is much of that is coming from Common Crawl rather than something proprietary.

And this is why the discussion around the need for real differentiation rather than like technology which Nick was talking about will come from data sets.

And that ties back into like, you know, when we demoed the Google extensions and things like that, the proprietary data will end up being a lot more valuable than technology innovations, because I think we're going to see technology innovations happen that put things on par very, very quickly.

And the thing that's going to be very interesting is the Common Crawl states very clearly, we didn't produce the crawled content, we just found it on the web.

So we are not vouching for the content or liable if there is something wrong with it.

And this is the thing, you know, the, you have to find out

each of the websites terms of service, not just because you used Common Crawl doesn't give you a pass for the terms of service of each of those sites that they crawled.

So you must keep that in mind when you're building these language models.

And I think this is going to be, you know, the Common Crawl terms of service is where you're going to see a lot of these lawsuits, you know, make their bones is,

and I think that's going to be the defense of some of these language models.

Anything else happen?

Or just as we wrap up here real quick that you wanted to note?

Well, we've got meta, we can do it now or we can save it for the next one.

Let's just do a flash meta.

Flash meta.

I know that they add and flash the meta there because they added in WhatsApp.

In WhatsApp, right?

There's an agent in WhatsApp.

How do you add the agent?

Okay, no problem.

I'm going to, I'm going to show you guys right now.

So I'm going to just do it via my, via my phone here.

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Yeah.

You open your WhatsApp and you're going to click create a new chat.

Okay.

And in your create a new chat, you can say new AI chat, which is my fourth option down.

If you look at it, there it is.

I got it.

Yeah.

And then here early access.

Okay.

And here, what you can see is you have the general AI bot, which is the same as sort of what we've been playing around with, right?

Like meta AI assistant.

And then there's these personality bots that the face of them are well known people.

This looks like, you know, Padma Lakshmi and Tom Brady and new and Chris Paul's down here.

But they, they don't seem to have anything to do with their personality.

Do they have permission to use those images?

Like Amber is clearly Paris Hilton.

Yeah.

I think when they did this announcement, they did say they partnered with these folks.

I don't think they could use, but like what you're not getting is like a conversation with, you know, Tom Brady or, you know, I guess this is Kendall Jenner here.

You're, you're getting sort of like an interesting chat.

It's very, feels like very much like character AI and, but you're not like really like, they haven't taken the essence of Tom Brady and put it into one of these bots, but it's an official partnership with them.

And so I'll click on brew, you know, confident sports debater, and then it'll start a chat.

And then at the bottom, you know, I can kind of, it gives me some, like I like this, like kind of blank canvas, some prompts.

So I ask about the next, how good are the next going to be?

Oh, okay, I'll do that next.

Okay, whatever.

Top QBs this season.

Yeah.

So, you know, it spits out an answer, which is great.

Let's see.

It says Josh Allen, Petron was the leading the pack.

But okay, that's pretty accurate.

But Aaron Rodgers is out.

So that's kind of, it's, it doesn't have that because Aaron Rodgers has his Achilles, right?

Okay.

What do you think about the Knicks this coming season?

Oh, wow.

This is interesting too.

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Yeah.

Wow.

And so now I wonder if it's going to go out to the web and have fresh information.

Uh-huh.

Okay.

Well, Jalen Brunson was there last year.

That was last year.

So this looks like last year's.

Yeah.

They're kind of, yeah.

So who knows what they're, I just asked the chef, there's a sous chef and I just said grilled cheese and he started talking to me and I said, looking for something unique and delicious in the grilled cheese area.

And he said, unique and delicious, gotcha covered.

How about a Korean style grilled cheese with kimchi and bugogi beef?

That sounds good.

Or a Mediterranean fusion with feta, spinach and lamb.

Nice suggestions actually.

Nice suggestions.

Can I get the recipes?

Of course.

My eager beaver friend or Korean style grilled cheese mixed bugogi beef with kimchi and melted cheddar on crispy sourdough bread.

Mediterranean fusion requires feta cheese, spinach, murder sausage and a sprinkle of, okay, how do I make it?

That recipe was more the ingredients list.

And it says, for Korean style bugogi beef, kimchi, add cheese and close the lid and melt the goodness.

Okay.

So it's starting to give me the instructions.

I have to say, this is an incredible experience.

Well, and you know, kind of being in your shot.

Hold on a second.

Yeah.

Okay.

Yeah.

So wait a second.

What's cool is being within your shot is like your, it's a good branching place for things because you can do that and then send it off to, you know, whatever your discussion is.

Can I include you?

Can you and I and the chef have a conversation together?

Could it be three of us?

I don't think so.

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Okay.

So that's an obvious miss.

This would be super interesting.

If there was an AI in our group chat and we were talking about, you know, let's say there was an economist in there, we could say, hey, tell us the unemployment rate.

Boom.

And you know, hey, what is the, you know, what has, what's the, give us the last 10 years of, you know, alphabets revenue.

Yeah.

I have to say, I know this is going to be crazy because we have to give it a letter grade here as we're apt to do.

And so I hate to do this because, you know, me and my feelings on Zuck,

I'm giving this a B plus.

It's my highest rating so far.

Whoa.

I think it's a B plus.

Okay.

Honestly, I just had a great interaction here with the, with the foodie.

It's a verticalized AI.

I'm having a good thing.

I could see myself using this today.

I could see myself using this.

And the only reason I'm not giving this an A is because it's not integrated into group chat.

This is so dumb.

Why can't I have the agent in my group chat?

Like if my wife and I were in here with my kid, my 13 year old,

hey, that would be, could talk about what we're going to have for dinner.

It's a technological limit.

I think that, like, look, again, kudos to them doing it fast.

They, and what's behind this is, what's your letter grade?

This one, I'm, I'm with you.

Like I'm at a, you know, B plus A minus on this one.

Look at the inflation.

Pick one, pick one.

B plus, B plus.

Okay.

I mean, you can pick A minus.

I'm not trying to influence you here.

If you feel it's an A minus, give it an A minus.

No, like, for me, again, like, okay, what I really like about this one is out of all the ones that we've tested so far, the model behind this is open source as well.

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So, you know, so maybe with that, I'm going to actually, let me change my grade to an A minus because the model is open source. And then, and, you know, so you can, the power of this is also available to any developer out there versus a lot of the other ones is still proprietary.

Got it.

Yeah.

I am super impressed.

I'm just going to give a shout out to the team at Metta.

Keep going.

This is a, what I like about this execution is they know what they're doing in terms of user experience.

They're not trying to be everything to all people.

They're just trying to make a certain verticalized app work, which is, you know, talk to a chef, talk to a sports person, have a conversation with them.

Now, you need to have the latest information for sports.

But for food, I don't need the latest information.

I don't care if there's like some grilled cheese that debuted last month.

I just want to make a great grilled cheese for my girls tonight.

So, mission accomplished, like the Mediterranean ones.

I never even considered that.

I mean, I'm thinking shawarma, feta, hummus, some tomato.

And then we, what's a good Mediterranean bread?

So, I'll put it in a pita and grill it.

No, I'm going to put it on white bread and do it.

So, it's going to be.

Lavoch is good too.

Oh, okay.

Here we go.

Now we're talking.

Lavoch is a super thin one.

Oh, right.

I have that.

No, but I'm thinking you go with American classic bread, wonder bread.

And then you mix the cultures, right?

That's when you get some sort of interesting fears.

All right, everybody.

This has been Mondays with Sunzeep Madra, where we do all the AI demos.

All your AI demos, you don't have to scour the web.

You don't have to keep up with AI.

Sunny and I are keeping up with AI, we're giving you the letter of grades, we're telling you to what to look at first, get into the show notes, subscribe, tell your friends, write a review, and put in the YouTube comments what you want to see next week or any other demos that we missed.

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Definitive intelligence, you can do a search, Sunzeep Madra.

He's Sunzeep.

You're at Sunzeep, right?

Your first name club?

At Sunzeep, yep.

On X.

Yes, on X.

Formerly known as Twitter.

We'll see you all next time.

Bye-bye.