

Experiments in Artificial Intelligence — Continuing, Winter 2026

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Full Transcript

You should be seeing the continuing experiments in artificial intelligence. Again, this graphic. Is created with AI. And then I had to edit it some. And it's a math. It's mathematical formulas that make this. That's my big element that I like to deal with is mathematical formulas. And this happens to be one mathematical formula. I believe it's the spin

of quantum particles. Here. This one I tried to get AI to make some interesting cartoons and they weren't able to do it, so I used Google to look it up. Some interesting one. And I thought this one was quite effective. It goes to my point that AI, you know, humans sometimes aren't very intelligent.

And so it's what's the bar that AI has to go to to reach AGI, artificial general intelligence to be as smart as human beings. Now super intelligent is that it is artificial. Superintelligence is intelligence that is smarter than humans in every facet of human operations. And that's I don't think they're there yet. So this I thought this was good. Two robots in a setting saying on tonight's topic is, how can we tell if humans are intelligence?

2020 for these two people? One Nobel Prizes, gentlemen on the left. Dennis Hassabis wanted for chemistry for the alpha fold algorithms. He's also the leader of the team that competed in go to beat the human in go. He created AlphaGo. So if you can see what he's doing. He's AlphaFold now is how can proteins fold? That's the dynamic fold. Proteins operate in three dimensions. So if you imagine proteins folding to combine into new elements, they fold in three dimensions. And he has come up with a way to do that. And Geoffrey Hinton he has this works for Google Google DeepMind and

Geoffrey Hinton who is a bread I believe Dennis is a Brit as well. He's Singapore. Singapore is and a British. And Geoffrey Hinton is either a Canadian or a Brit. I can't remember which. He won a Nobel Prize in Physics for the back propagation is how do you feed back information to a learning artificial intelligence? We saw this last week, if I remember, that was it was supposed to be on the test that I didn't get together. He was the one that came up with, how do you teach a AI to learn things? Have it? Guess. Is it correct? No, it goes back. The AI learns from its mistakes. So he was the one that came up with these two guys. Nobel Prize, I mean, not too shabby. What are we going to deal with today? We're going to deal with workflow. We dealt a little bit with

Frontier Models. The Department of Defense is not allowing one of the frontier models on its network. If you saw the stock market crash last week, it was. Claude AI's generating computer code. They say that humans may not be programmers anymore. They'll be system designers, but they won't be programmers. Frontier models, new behaviors that were unexpected workflow. I've learned that has changed. If you. What's the workflow? What are the tasks in in completing a task and completing a project? We'll look at one of those today.

Back propagation I just talked about that cognitive load these let's discuss these very quickly. Cognitive load. If you imagine what your mind, human mind has to do say when it's reading. A document, whether it's the newspaper is a light cognitive load. The human mind has the cog cognate on things versus academic study. If you're reading a deep scientific paper, the cognitive load is greater on the human mind as you try to incorporate things. University education. If you're sitting in a large lecture hall, the cognitive load is very high. And so the idea is A's will cognitively offload things for the human mind. Sometimes it's good, sometimes it's bad. This is one I've read been reading about 3 or 4 times. And I it's many of the leaders. The pictures that I showed the first two times believe in effective altruism. And I only have one particular way to explain this. So if you were going to advise your nephew, your child, do you want what's the best thing for human beings to become professionally, to become a physician, or to become an investment banker, which is the best to do that? Which is the best for humankind, doctor or an investment banker?

And the effect? If you believe in effective altruism, you will say investment banker, because then you can hire multiple doctors to work in society. If you own a business that is that hires doctors. And so the effective altruism is that people should do the best they can to make the most money they can,

and then use that money to effectively help society. I think as part of this, that Bankman-Fried, the the cryptocurrency guy that's in prison, was part of that. We're going to deal with iteration and workflow. The vocabulary chain change has gone from workflow analysis to storyboard. We're going to see a storyboard today. Superintelligence we talked about is.

Intelligence that is always smarter than a human. The smartest of human beings. And the issue becomes if AI is developing itself, if AI is writing code to improve itself, and you can just set it loose to iteratively, repeatedly taking steps to improve itself, iteratively improving itself, it becomes superintelligent and then super duper intelligence cognitive offloading we talked about. Hyperscale is the data centers that they're building now.

I believe there's one going up in Louisiana that's bigger than Central Park in New York. They're building large data centers in Florida. The issue is becoming where are they going to get the electricity from? But the hyperscale, one of the big discoveries in ImageNet was once the. Neural network gets to a certain size, it becomes more intelligent in ways that humans don't understand. And the assumption is, as the eyes that we have now get larger, have bigger networks. Learn more. Watch TV and. Incorporate all of the information from that into its intelligence. It will become even more intelligent in ways that humans cannot understand.

Gail. Hyperscale. They build larger and larger and larger emergent behavior. What will occur that humans don't understand? Unexpected behavior arising from ever larger models, ever larger neural networks. And the idea is AI will augment human work, not replace humans. And I believe the best example of that is radiology is AI assist radiologists in looking at MRI, X-rays, Pet scans, all of that stuff that radiologist looks at. Look at the A's, augment or assist the physicians. They don't take the the radiologist job. They assist.

Now we're going to get into the coverage of AI dev copilot. We're going to work with copilot. And one thing that I've wanted people to understand is. The. The the construct of the AI interface, the UX, the user interface, UI, UX, user experience. What is the user experience?

I've tried and tried and tried to emphasize that this all is going to icons and that we have to. We of a certain age have to learn to recognize these items. And so. We're going to cover designer today Microsoft Word, Excel, PowerPoint, outlook, Microsoft Teams. If you work in a large company, you will get all of your information through Microsoft Teams. This is the written by Microsoft. It's called Visual Studio Code. And now Claude GP not Claude Copilot can write directly into it. I am exploring that now. Maybe next week I can present it.

This is copilot and the different icons that are in the copilot. User experience you x user interface UI. Down in the prompt box you will see these will. I'll try to bring those up. Once the AI responds or delivers the inference. Inference coming from the statistics. I was a statistician for the government for a while and we all what did the what we use SPSS what did SPSS infer? What was the inference. What was the response. At the bottom? Is all these

good bad share copy. Read it download it edit. Share. Open the panel.

Start a new. This. I'm not sure what this is. We discussed this the first time. That's the audio transcription. These slides here are. Based from windows. This is a windows screen here that I've captured windows I think I'm in Google Google Chrome yes I'm in Google Chrome. And I have gone to copilot.

I'm going to show another page that it's I appreciate your participation because I've learned the difference. But look around open close the side panel. Look down here, I will go. We'll run these in a second. Now I owe this last one notice down here. I am not logged in.

This is what it looks like when you're not logged in. And then I logged in with a non a free plan. And this is what you see in the free plan. Notice this icon here. When you're in this I believe this is voice mode right here on these. So we of a certain age process information left to right

top to bottom. That's reading young people. Deal with it holistic holistic. They will recognize these without even consciously looking.

I find that interesting. I want to do that. And what I want to emphasize at least a little today is to look at copilot, labs and copilot. Imagine we're going to look at those a little bit today. So this is a slightly different Microsoft page M3 65 dot cloud dot Microsoft. This takes you to the new branding

that Microsoft is running.

They're trying to get away from word Excel Copilot, project OneNote, teams, OneDrive two M Microsoft 365. That's all of those together. That's a branding exercise they're going through. And when you first log in, I did log in with a nonpaying ID you can't use chat in this, but you can use many of these down here. So when you go in here I believe the next one brings up the apps. I click on the apps and this brings up all that I may have access to. And only through experimentation are you going to be able to fully understand what you have available. I think you get a free OneDrive cloud storage. You get outlook word. I know you get word. We're going to look at that Excel PowerPoint. You get that this stuff for free and designer.

That's what I want to start with here. The visual is not as integrated in Copilot. This is what designer looks like when you click I'm going to jump back. When you click designer I'm on the website M 365 cloud. I click designer and it goes to designer dot Microsoft. Here's the prompt box create with AI. What do you want to create? This is the the prompt box. What size do you want to be it to be.

You? Have a question from Karen? Please read I don't I don't have it. She just has her hands up. Karen can you. There she goes. Is this only for PCs or. I don't know if this has any relevance to people who are on a mac, or is this only for. This is on the Macintosh as well, I believe I yes, you can do this on the Macintosh. Okay, my great soft seems so complicated. I don't know what relevance I guess word and designer might be the only things that I can relate to, because Microsoft has made everything so complicated that I can't follow it. Most of the time they want you. What's the most valuable?

Most valuable thing that a human being has? I mean, other than their life language, I don't know their ability to learn. Well, yeah, the ability to learn that you are expanding your time to learn something is the most, in effect, expensive thing that you can spend on a topic. And all of the software companies, all of the hardware companies, want you to spend time learning their product. I know, but and once you learn it, you are not. You are unlikely to go someplace else.

So let's call to learn from Microsoft. Me too, I study. I studied this quite a bit just to learn these presentations, to present it to you so you don't have to go to that effort. Let me. Let's do it. And you can see this. And the benefit is you get word free, you get Excel free, you get PowerPoint free, you get outlook free if you want. So that's so here's here's word in the browser. This is a Gemini browser I'll try to bring this up see how bad I can get it.

Here. You can see this is kind of what you expect from Microsoft Word. This is on Windows 11. This is what. Copilot looks like. This is what labs looks like. And then let's see if we can get a couple of these okay. So this was my construct from my math formulas today. So I'm going to exit this. And notice

at this point I have to move this around see if I can move it I'm in I'm on a mac. I just happened to be using. Edge Microsoft Edge. Oh god. I can go to Gemini if you want me to, but you can use any

browser. I think you might have some minor problem. Notice that I've logged in to the free plan. Oh. I'm in. Well, it's the family plan is what I'm in right here. Notice this. I'm going to. This is copilot dot Microsoft.

And now let's see what this one is. This one is. Microsoft three 6365 cloud dot Microsoft. So just by. Going to a different this is both what are right there. And if you want to use word you can I think you can just put word dot cloud dot

and it will. You can create a blank document and it operates right in the browser. And then you can just type away. And if I want to let's see if I can. What what I like.

Ten bullet points. On quantum and math formulas.

And prompts. For and prompts for AI to make visuals. Of these.

Items. So I typed in what I want it to write here it's. Come up with.

All of these formulas. These are quantum formulas. I didn't do it I. And let's see if I can let's see how show. I'm going to copy this and then go to designer again. Designer Microsoft

I'm going to paste. That in there and let's see what happens. See how bad I can do it. Well. It's not going to work for what is it. Create

images. Oh there we go. I have to go to images there. Paste. Oh let's go back to the document. Paste. Copy this. Where's paste.

A little confusing, but it required that I click. This to bring the bottom down. So this again doing it on the fly here. Number one lesson of these. Let's see what we get. This was the Heisenberg's uncertainty principle.

Visualization artistic representation of the uncertainty between position and momentum in a quantum system. So you are teaching physics third second year physics at so so here what do you get? Well this is what it's come up with. Not a whole not the benefit, not all that good. But just to give you an idea,

let's see here. Let's do clip art. Notice. I have to click on description to make the. Let's see if I put clip art I put that in there again this these are what I've made previously. Clip clip art.

Let it chug away here for a few minutes. One two. Again, this is making clip art. This is the free version. Notice up here in the right that it tracks my usage. I think you have only a certain amount of graphics that you can produce. With the free plan.

Here is my ID. This is the browser here that has this. These are the. So not to. You wanted to put that on a t shirt and wear it to your college class. There you go. But what I wanted to make sure of is that people understand the difference of what they see if they go to copilot dot. Versus M3 65 cloud.

And you get I don't understand why they give you free chat here but not chat there. It makes me crazy. So bullet points ten. Come on ten. But points

on the difference between computer programming. And system and a l s s and the job market.

So here it is. It's it's doing it search I guess it's actually going out there to look at the the internet for things to do. It doesn't really. Oh it does see down here. It doesn't give me the in-depth items. Let's see if. Focusing here I think last week didn't we do a

a search out there. One, two. There we go. What's here's the ten. It went reasoning it's a reasoning model went through. Here are the difference between being a computer programmer and a systems analyst.

Important part. Programming is increasingly supported by AI tools systems, but humans are still heavily needed in systems analysis, decision making, real world constraints. Now what I want to do. People grasp the difference between these two. I really hope for Microsoft.

And let's go back to this. Believe that I went to create an image I want to go, I think designer. We went to designer. But look, if you click on more, here was design a poster. What I designed a image, click on more and look down to story. That is storyboarding, which is in the

old timey sense called a workflow. What is the workflow to accomplish a specific task? And I chose one specific task from my past. Create a lesson plan from idea, a lesson plan for instruction from idea generation to presentation. This is designer. I am up here. This is again looks like it's window of Mac.

And here's what it came up with. It started to generate it. You saw that when it was doing it. And then it came up with the slides. For that idea generation from a lesson plan, from idea generation. And it created the slides for me. I could go from the projections to download and it said as PowerPoint and I made this is what it came up with, from concepts to engaging teaching experiences,

define the core idea. Use Bloom's. I remember Bloom's Taxonomy from my education classes, but I can't remember exactly what it is. All classes have standards. You have to align with the standards. Here's

the instruction input. Deliver the content. Practice closure. So if I was at a teacher education class at the university, this would be one of the slides that I present. And let's we're at the 45 minute mark. Let's watch this video from the PBS NewsHour. Some time ago

about what's going to happen in the AI marketplace. Hopefully, I turned on. Let's see. AI is rapidly reshaping the workplace. More companies are turning to it, as. Are you hearing that? Okay, Maureen? Yes. Okay. I'm going to play this. Then I'm going to do a five minute break. So we got probably about ten minutes here that we're going to watch. This presentation from the PBS NewsHour has one of my favorite commentators. And in it. So let's watch that. Once it's finished I'll

set up a break. Oh, back. Sorry. AI is rapidly reshaping the workplace. More companies are turning to it as a substitute for hiring or retraining workers. And that's raising urgent questions about the future of the job market. For many families, the uncertainty can feel personal. What kinds of jobs will their children or anyone entering the workforce years from now actually have?

Robert Reich is a professor of public policy at University of California, Berkeley, and the former labor secretary under president Bill Clinton. And he wrote about this recently in his Substack essay titled How Your Kids Will Make Money in a world of AI. And he joins us now. Thanks for being here. Delighted. How were you, Jeff? I'm doing well, and I have wanted to speak with you ever since reading your Substack. Because of the really interesting way you categorize work. You say there are three categories of jobs making, thinking, and caring. Which of these do you think is most at risk from AI and why? Well, the making jobs really have been automated over the last 30 to 40 years. You go into a manufacturing facility today and it's mostly computerized machine tools. The thinking jobs are the ones that are most at risk from artificial intelligence, because artificial intelligence really will be automated. Many thinking jobs and I'm talking about everything from doctors to lawyers, accountants. People who are and call themselves professionals, who have got a lot of degrees, but whose particular thinking processes can be replicated and is being replicated by AI. What role do you see for education, university schools, vocational programs in adapting to this new AI shaped economy? Well, there are certainly going to be jobs in improving AI and in installing and servicing AI. They're going to be a lot of jobs. Inevitably important jobs in critical thinking and assessment. But many professional jobs, the kind of jobs that people have spent a lot of money to get professional degrees for may not be delivering.

Even today. A lot of computer engineering jobs have been essentially automated away by AI. So the job market is going to change now, the caring jobs, the third category of jobs, the people who provide personal care, whether it's child care or elder care, nurses, psychotherapists, people who are in the job of, if you will, empathy. Their jobs will not easily be replaced by AI because the essence of caring jobs is humans. Human touch, human contact, human caring. AI may pretend and convince some people that there is a human being operating on the other side of the screen. But ultimately, human touch is going to be incredibly important. There was a time, though, when kids who had an aptitude for math or science were encouraged to learn coding, but with AI. To your point, making some of those coding jobs now obsolete, the ground has shifted. So what should parents be prioritizing today to best prepare their kids for the jobs of tomorrow? Well, I think the most important thing is versatility. That is, young people need to be able to learn rapidly, to move from job to job, to not assume that the old career paths are really there any longer. AI is going to jumble everything and the trajectory of AI is almost impossible to foresee. So versatility adaptability is going to be very, very important. What about the here and now? I'm hearing stories of recent college graduates who are talented, smart and qualified, and yet they can't find work. To what degree is AI displacement responsible for that and what options do they realistically have in navigating it? Well, AI is undoubtedly replacing some jobs right now in computer engineering and in computer sciences.

I would not recommend that somebody immediately leap into another graduate degree or a professional degree of becoming a doctor, or a lawyer, or an accountant or anything else. I think the most important thing is for people to really understand from the inside what it is that customers, clients, people actually need and be able to empathize with individuals. Again, the essence of caring jobs is empathy. And I don't believe that we're ever going to get to a point, at least in our lifetimes, where AI can replicate caring and empathy. Is there a policy prescription for this that would help alleviate some of the job market challenges on the horizon? Inevitably, I think that universal basic income is going to become more popular because the caring jobs of the future that are going to dominate the future. Given AI's tendency to automate so many professional jobs, those caring jobs are not going to be paying all that much. They don't pay that much today. And so the notion of a universal basic income that is gaining ground in many countries and has shown some promise in the United States, may actually be a major policy in the future. In your new book, *Coming Up Short*, you argue that the baby boomer generation squandered much of the prosperity it inherited. Given that history. How do you see today's generation navigating the rise and the promise of AI? Is there a risk that they repeat some of the same mistakes and come up short in their own way? How can they best leverage the advances of this incredible technology?

Well, there is obviously risk risk of them coming up short as well. But I have enormous faith, Jeff, in the young people today, I have been teaching for 44 years. My most recent students and the generation of students I've taught over the last 4 or 5 years, they are more dedicated and committed to a better world. They are more willing to make the sacrifices that are necessary to achieve that better world, and are more critically thoughtful. They are not cynical, but they are at least realistic about the future than any generation I've dealt with before. Robert Reich, always a pleasure to speak with you. Thank you for your time. Thank you. Jeff. Let's see if I can stop the share. Five minutes. Let's see if I can do it. Let's set a timer for five minutes.

That's really interesting. One minute. Going. Yeah, it's a valuable. Valuable item. There's a slew of videos that could be presented. I'm.

I have trouble keeping track of them all. The number of articles. Maureen can. I boxed a lot of the articles that are. And that was my goodness, I forgot to do that. He keeps on looking at the floor because that's where he stores all of his articles. That's my organization scheme. She just doesn't understand. That's all it is. She doesn't understand how I organize things.

You had a couple of comments and questions in the chat. If you want to take a look at them during the break. Okay. That's if I can find. That's an excellent question. The one up at the top. Both breaks. It's a break. Let's see if I can. While people are on break. Three minutes left. I can do it in three minutes. Desktop chair.

May be correct. I may have screwed up so much. She had automatically sign me in. Another account. Here it is. So this is one that I just made. You don't see this?

Five minutes is up. So one of the questions that came up was. The difference between the free plans and the paid plans. Maureen and I have the

I think it's called Microsoft 365 Family Plan, which is every November. Microsoft charges last year was \$129. And with that family plan, I can distribute IDs to five different people. You get five different people that you can share that with. And you can download the apps to your computer. But what this I am on a on a free plan. Notice that it prompts me to buy. Let's see what they want. Here are the different plans that you can buy. But what I was trying to emphasize, and apparently I have a lot of work to do, is

these are available within the web browser. For free. So I'm on the free plan. I've logged in, I created an ID with outlook with Microsoft. And so if I want to do Excel, let's see if Excel comes up here. Again this is within the browser. Browsers have become so complex they can run a language in the background. There's 3 or 4 Java, JavaScript and TypeScript.

I believe what they use is TypeScript. So here I create a blank. You get get it for free. You share. It tends to want to only save to the cloud. But that's a minimal problem you get from the cloud space. So notice it opens a different Excel cloud Microsoft. Let's see if I can go into outlook. I just did outlook and that did come up. I picked my ID to log in. This is the free one. And here's it's all copilot stuff

I don't use. I just use this for its discovered me. So now I get emergency products. Again this is the user interface within a browser for outlook. You can have multiple IDs. Here's word within that. Let's see if I'm in which one I'm in. Well that's the paid version. Let's see if I can get a free version. Free version of word. Create a document with copilot.

There. Oh. That's interesting. Great. A blank document. So I couldn't do it with copilot, but I could create it with my own. Myself. So I can. I've got these available for free

apps. Again, this is just a repeat of it. Designer we looked at. What all look. It's got premium. You've got to pay extra. Go to calendar if you use outlook calendar. I tend to use my Apple products Maureen and I coordinate. So this is not. Or you can install create. Here's this is designer here.

So. That is the one question. There is a version that's free. That's the point I'm trying to make. And there is a version of copilot that's free. You have to go to copilot. To get to it.

And Barry, I'll I'm not even sure how I got that video originally. I can send it to you. I think I sent it to you. I said I'm checking the text messages now to see if I have it. I think I downloaded it for educational purposes. I want to emphasize that that this is for educational, not commercial services. I'll write myself a little null. Afterwards.

Yes. Let's see. Let's see if I can print from this file. Print. It. Does it. It found my printers. That I haven't used that printer for a while. So? So. Yes. Can you upload? Can I load file open?

Here's previous view. All files. I believe that it looks to my. Drive. I believe if you only create it in this, it will do it. And that's the saying that.

I. Can I save this file? Export. It won't let you say that as doc X, a doc file, but you can do it through the open document transfer file.

And it sends it to the download file. That's how it does it. So here's my download file. Oh you're not seeing that. Yes I'm sorry I'm a little. So let's now. Let's go to share.

This is what I was pointing out. Here was the file print is available file export. And you can only download as PDF and as open document. This is what Libre office uses. And open Office Microsoft Office load saves and open source. So

it's it's available to do all of. Let's see where I think I've lost where I was. But let's now go back to the slides.

One of the topics that got a lot of tension last course and I wanted I learned my exploration of copilot, Microsoft Copilot is how does how can it handle. Upgrading old photographs. So this happens to be a 1930s photo booth photograph of my mother that she saved from her childhood. I have a bunch of these things. I have my grandparents in school, so that would be in the 1800s. But this this is what happens to photographs over time. And what I wanted to see, I did this last time with Google Gemini. I went from one. I asked it iteratively to take away the rough, the cracked edges and the cracks in the picture, and then to improve the quality of the face, the clothing, the white blouse that she has on this is in Google. And what was most interesting in Google, Google Gemini was this I was able to iteratively take the final good quality picture and. And come up with a video of her in action. I know, I think it's that I never saw her as a child, of course, but is this actual accurate picture? I don't know.

Now, what I wanted to do in copilot was the same thing. And if you have any old pictures of yours, you can scan in or take a picture of and then see if it could improve it. This is what the improvements iteratively were from the original cracked picture. Step one. Step two. You can see some of the flaws in the emotion of the photo booth photograph that increased it, and then it. I increased the resolution and it gave me the option to go to an archival format.

I didn't understand that. So I learned something. Don't figure. I just experimented, and this is the I think from this picture, this is the best one of the quality. This changes her appearance and it does not do videos in copilot. So this was it went from this did this in copilot. The first that I showed that went from the cracked image to the video was in Google Gemini. That was last November. I did that presentation and I wanted to experiment, whether whole pilot or designer, to do the iterative development from cracked photograph to this is archival.

And does anybody have any idea what this pin might mean for my this is my just my personal any idea Maureen, what that might mean? Well, we can hardly see it, so I don't know if I can. I don't think it does it? Your mother belonged to an organization that was later. That was. That was later in her life. So this had this is the has to be a high school and you can see sky and see what it says. Well, there we go. I'll try that out. Notice the quality, the pixel.

The pixel that has occurred in this image. Notice on the white of her blouse as I enlarge it. That's what Microsoft Copilot did. And go in the archive format from this to this. Again.

Not logged on. This is what you get at Copilot in the Google Browser, Google Chrome. To. I logged in the free plan. It will keep track of your. It will keep track of all of it. And that's a big problem is what is junk and what

do you want to get rid of. Notice is here in the browser. The little icons, the different and what I want to do I this is 365 slash chat gives you the software with in the browser. This is the apps. You can create banners. This is designer. You can go directly to it. Again. It will stop you after so many

years. Where the prompt box is, you can decide its size. Word. This is copilot. I believe in windows. It will allow you to. Make the whole pilot

a dark item. An item on the dock is what this is and this is what I want to look at. Next is labs. Notice what's available in labs. Audio expressions, portraits, Copilot, 3D Mico. I don't know what these are. And then there's all of the information if you want from some years ago on Microsoft Designer, I put this together and I copied it over. It's in the slides I distributed. But let's bring up

copilot. There it is. This is within edge. Notice that it has the Microsoft products on the edge of the edge browser. You can go to coding. You can go office OneNote. And if you want to open here you can go to work free of charge within the browser. So let's Clough but let's go to labs. Let's see what Audio expressions is. What

emotive voice or a scripted voice I don't even. Now is the time. Let's see what. That's generate. Let's see what it does. Oh. Hey there. Hi. So good to see you. Listen, now is the time. Seriously, right? This very moment. Isn't that exciting? Let's just jump right in, okay? Now is the time to do whatever you've been thinking about. Whatever you've been waiting for. Come on, let's go.

Let's see what it sounds like if we do it. Turn your script into audio. I'm not sure what teletype. Let's see here. Nope. Not going to do it. Not going. Hey, there. Hi. So good to see you. Listen. Let's see if I can do this. And let's change the voice here. Fund.

Oh, I screwed up. It might not understand. On a bustling street corner, a fast talking traveler from New York paused at a tiny, velvet draped booth where a mysterious vendor waved him closer. The traveler leaned in, squinting at the swirling incense. All right, pal, you got my attention. What are you selling? It smells like a candle store exploded in hair. The vendor smiled slowly, eyes glowing with dramatic flair. Seeker of destiny. I offer visions of futures unwritten and perhaps a surprise or two. The traveler crossed his arms, unimpressed but curious. Yeah, yeah. Sounds fancy, but is it fun? Because honestly, I could use something fun today. The vendor lifted a shimmering orb and whispered, fun is merely the door. What lies beyond is transformation. The orb pulsed.

The traveler gasped, and the vendor chuckled softly as the adventure began. Imagine teaching young children to read or just to develop their imagination. Wow, this I can see.

Elementary school. This going wild with something. That's the labs. That's. Look here. Let's. Get help studying. I'm not sure what this would actually see a portrait come to life. Chat with a portrait. I want to talk with.

Welcome back. It's always great to have you here. We could dive into some studying, maybe do a little productivity biz together, or just chat about whatever's on your mind. Let me know what you're in the mood for. Well, I want to learn a little bit the difference between Sunni and Shia Islam. Can you describe for me the difference between Sunni and Shia Islam? Absolutely. Let me break it down for you. You know, at the core of it, the difference really goes back to a historical disagreement over leadership after the Prophet Muhammad's death. Sunnis believe that the community should select their later, which led to the selection of Abu Bakr as the first caliph. On the other hand, Shia muslims believe that leadership should have stayed within the Prophet's family, supporting Ali, the Prophet's cousin and son in law, as his successor, so that difference in who should lead carries over into different religious practices and interpretations. Let's keep going. If you're curious about more details. Well, yes. How about Ismaili Islam and Alawite Islam? I don't understand how they fit into the scheme of things. Again, Ismaili and Alawites.

Yeah, absolutely. So as Malay Islam is actually a branch of Shia Islam, it's kind of a smaller subsect that follows a different line of imams from the larger Twelver Shia community and have a living a mom who is considered a spiritual leader. On the other hand, Alawites are a branch that emerged out of Shia Islam as well, but they have their own unique set of beliefs and practices, especially around certain religious holidays and figures. So they each have their own niche within the larger Islamic world. It's pretty interesting. Tapestry. You want to dive in deeper, just let me know. Are there conflicts between these various forms of Shia, of Sunni Islam? Yeah, it's definitely a great question. And historically, there have been moments of conflict and tension between different Islamic sect, especially in regions where politics and religious identity are closely tied together. It's not that these groups are always in conflict, far from it. But there have been historical and political periods where differences led to tension. It's a multifaceted history, and each region has its own unique story. But honestly, there's a lot more cooperation and than conflict. People have lived side by side for centuries. So yeah, it's a tapestry with a lot of layers and the other angles you carry us about. Yeah, Druze and Sufi are they are parts of Islam as well, right?

Yeah, that's a great question. So Druze is actually a distinct religious group that branched off from his knowledge, Islam, quite a while back. Their got their own unique set of beliefs that are pretty distinct from mainstream Islam, and they kind of keep their teachings pretty private. And then you mentioned Sufi. So Sufism is more like a mystical, spiritual dimension of Islam rather than a separate sect. There can be Sufis who are Sunni or Shia. They're just people who focus on the inner and mystical side of their faith, often through practices like chanting or poetry. So yeah, it's pretty fascinating. Had diverse these traditions get anymore turns you want to pull up? No thank you, thank you. Jim, you have a question? Can you chat with the picture of your mother? Let's see. I'll say that was pretty good. The voice quality for me, anyway, was not good. Not great? Yes. Again, this this is live, so to speak. So I apologize for that. I'll explore that. But I'm not sure why that was a problem. Let's go here again. Notice again

we of a certain age might miss the arrow there. What does that mean? Is that different people. Yes, yes. I don't I didn't see any.

Way to put my own. That would be. Oh my OMG! I wonder if it's a different. I'm going to try this one. Ola la. Ola. Muy bien. Gracias.

He took it'll cuenta me tea tree por aqui hoy hay sb Beano. Stupendous. As to Ben dos aqui estamos

a particular Q two gustaria. I'm sorry. We'll have to switch to English. Can you switch to English for me? I don't know much Spanish. Of course. No problem at all. Let's switch over to English. We can keep the conversation going right from here. So what's on your mind today? I just wanted to see your language capabilities. It's impressive. Well, I appreciate that. It's always fun to show off a bit of linguistic flexibility. And, hey, if there's any other language or topic you're curious about, just let me know. Can you speak Vietnamese?

Absolutely. I can do that as well. No. Oh, it looks like it froze up. So there we go. Live. Did you know the floor there came up? Let's see where that's. And let's go back to labs. There's 3D Copilot vision. See and browse the world with your AI command

on. Oh, it will review your screen. Gaming. I'm not much of a gamer. Let's try 3D copilot. This is upload an image. Code. Oh, here.

This is just quickly less than a minute to go. So I whatever it was that was in my directory that at first looked at, I'm not sure it's doing anything, so I'll wait just a few seconds. Next, I want to go look at Dan Altman's comment in the chat. I asked copilot on my computer and yeah, it says you can do it and and it gives you a whole bunch of instructions after that on how to do it. Do do what was that? Oh, to talk with that. With the picture of your mother. Yeah. Oh, there you go. There you go I.

That's not a very good 3D model. I would, I would throw that. Yeah. But that's just very quickly. Looked at product shopping with copilot. I mean what would I what am I looking to buy. Let's. Let's look at.

Lorene. Help me with something. What are you looking to buy now? Put in couch and see what happens. Shop sectional. Couch.

And notice it's got these things down at the bottom here, connectors, etc.. Let's see what happens here. It looks like it's going into a thinking mode. Notice the different steps. This is a genetic I think we talked about that we in.

ChatGPT we did search flights didn't we. Vacations. So here's. Here's the. Dream sofa. How about this one right here. That's Wayfair I'm not going to wait for Wayfair. Let's look at this one here.

So it brings it up in in the over on the side. And it looks like you can track the price over time. Has a review of sorts in it. Yeah it doesn't have very good reviews either. 22.7 out of five. Oh that's. In that price. Well let's see here. Shop with copilot. Eye drops.

So let's and can I. Uses a different version of. Smart plus searching for eyedrops in the discover. Oh no. What happened there. Oh look at this.

No, I didn't want that. I want to go to discover. No. I dropped. Notice that again. As I said, like in learning languages. But see no, it's not working like there. The shopping part is not working. I'm not.

I'm not sure why the shop. Let's try one more. Maureen, help me with. Spell floor lamp. For reading. No, no. Something happened. Don't know what. What's giving you advice? Giving advice. But it's not looking up the different floor lands. I think that's just the standard.

Let's look at this and see what. Search. Study. Think deeper. Smart plus. Don't know. Sorry I like labs here quite a bit.

Imagine that is. And I don't know if you saw the little notice that came up because I'm using the free program. It's only going to give me so much time to use. So.

Here you can. I'm not sure if you can search for what you want to learn or what you've looked at before. Not sure why that. Don't understand that one. Discover. New chat.

Any questions here? We're beyond. Let's look at chat.

Prepared with AI assistance from a transcript of the recorded session.