

Kottayam Branch of The Institute of Chartered Accountants of India

Cordially invite you for the
CPE Seminar on Chat GPT and Beyond: Harnessing AI Potential while addressing Limitations

3 Hours CPE CREDIT Structured

15 JULY 2023 (SATURDAY)
 10:00 am - 01:00 pm

Venue: ICAI Bhawan Kollad, Kottayam

Faculty
CA. Dungar Chand U Jain
 Madurai
 Past Chairman, SIRC of ICAI

*Register in advance by mail to kottayam@icai.org for necessary arrangements

Followed by Lunch

Delegate Fee:
 Non ARS Members: Rs. 1000/- incl.GST
 Students: Rs.200/-
 ARS Members: Nil

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ChatGPT and Beyond

Harnessing AI Potential while addressing Limitations

CA. Dungar Chand U Jain, Madurai
 15-Jul-2023 | @Kottayam Branch of SIRC of ICAI

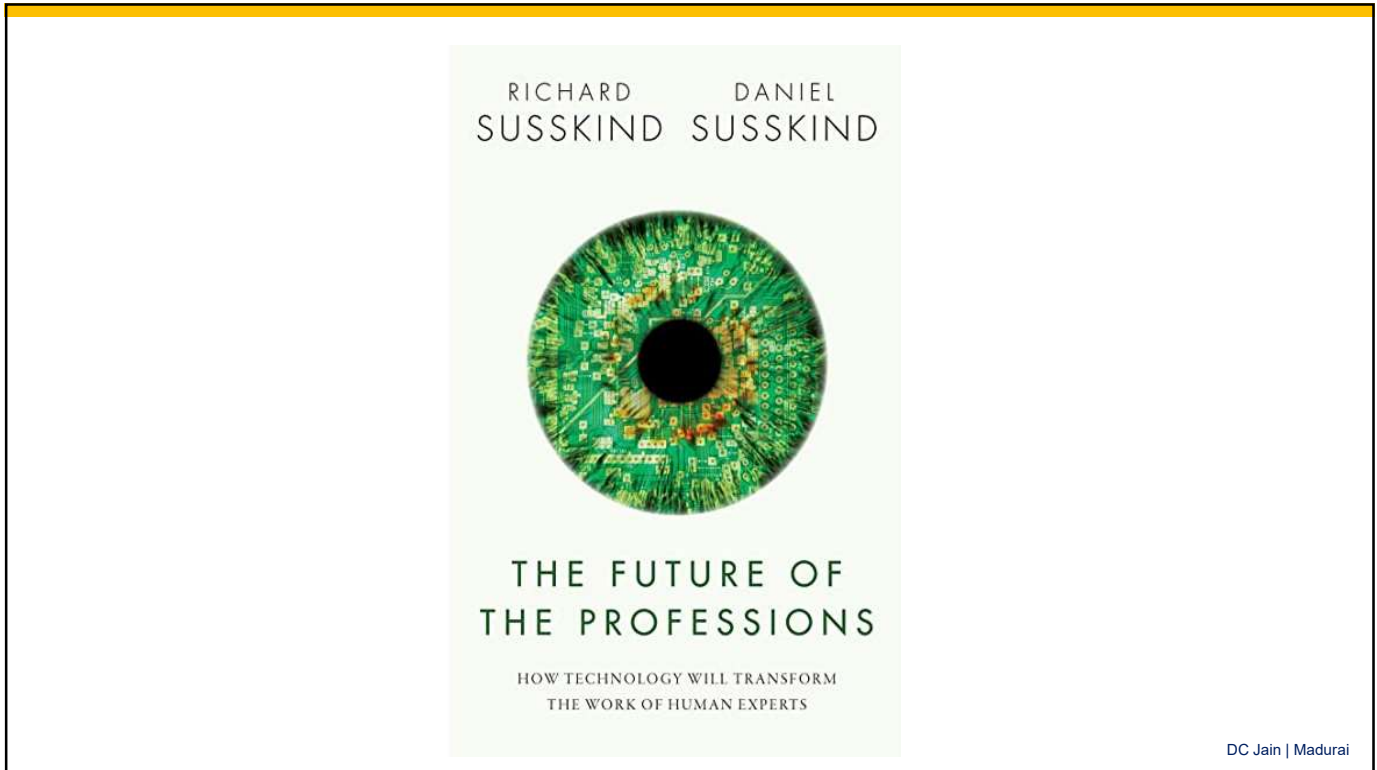
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We are drowning in information while starving for wisdom.

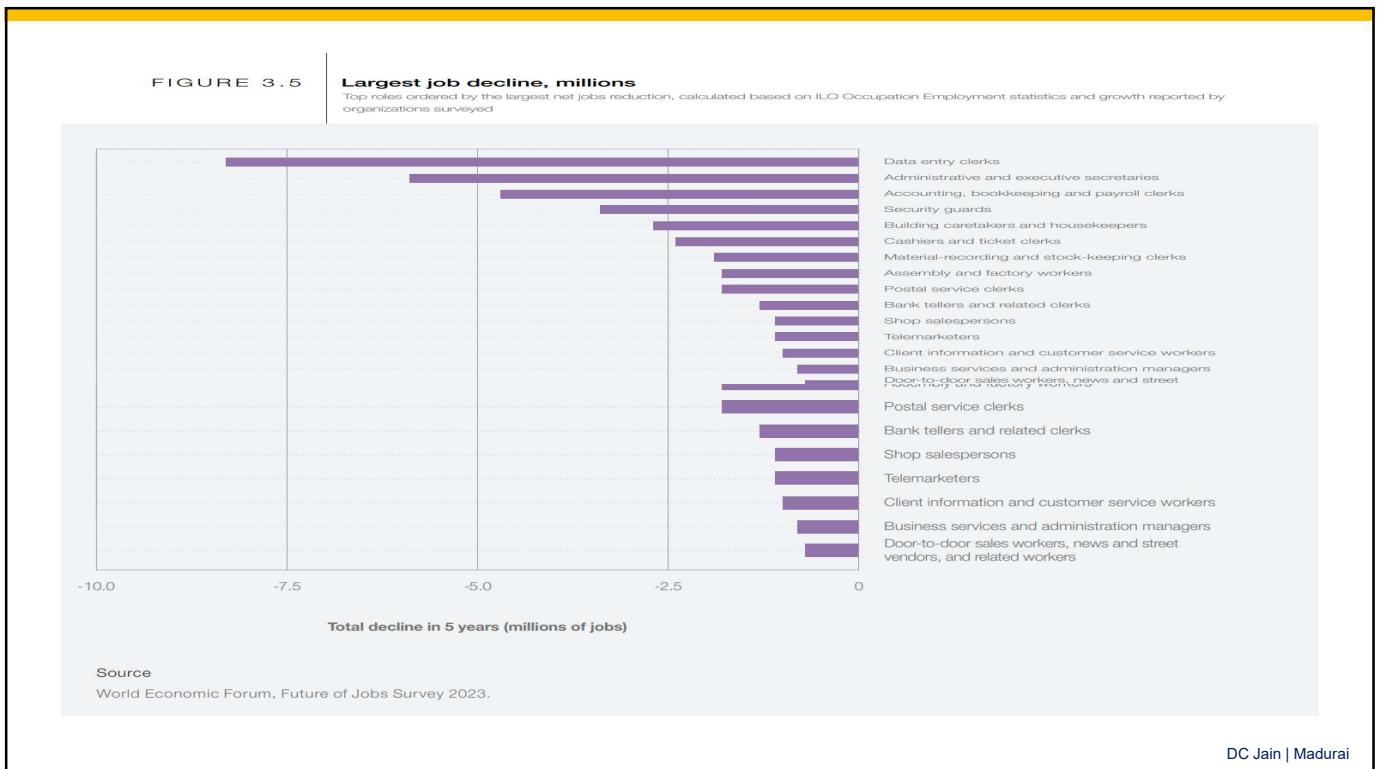
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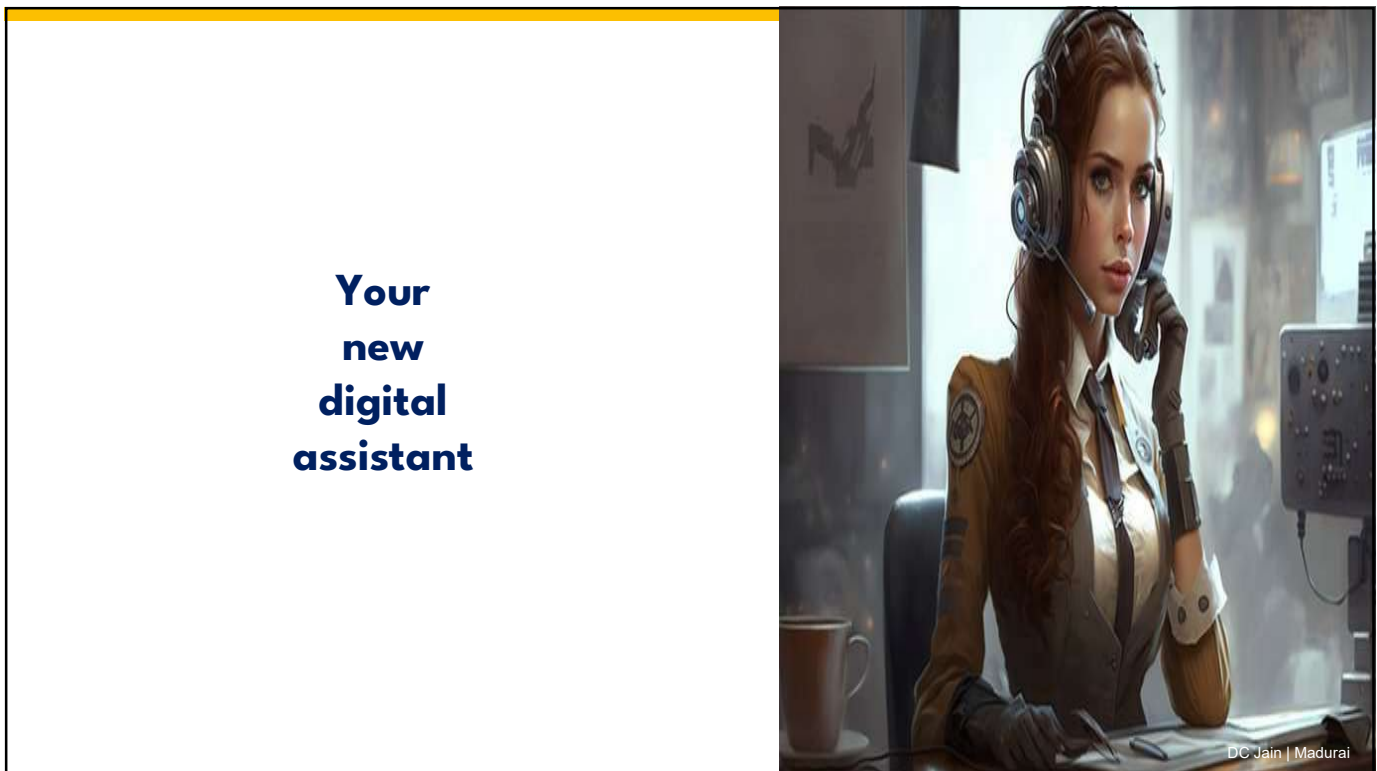
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Introduction to ChatGPT

- GPT stands for "Generative Pre-trained Transformer"
- GPT is based on the Transformer architecture, a deep learning model designed for processing sequential data.
- Enhances productivity and efficiency in communication
- Offers natural language processing for seamless interactions, to understand and generate human-like text - GPT is capable of understanding and processing natural language, allowing it to engage in conversations and provide information.
- It is an AI language model developed by OpenAI
- It is "pre-trained" by being exposed to a large amount of text data from the internet.



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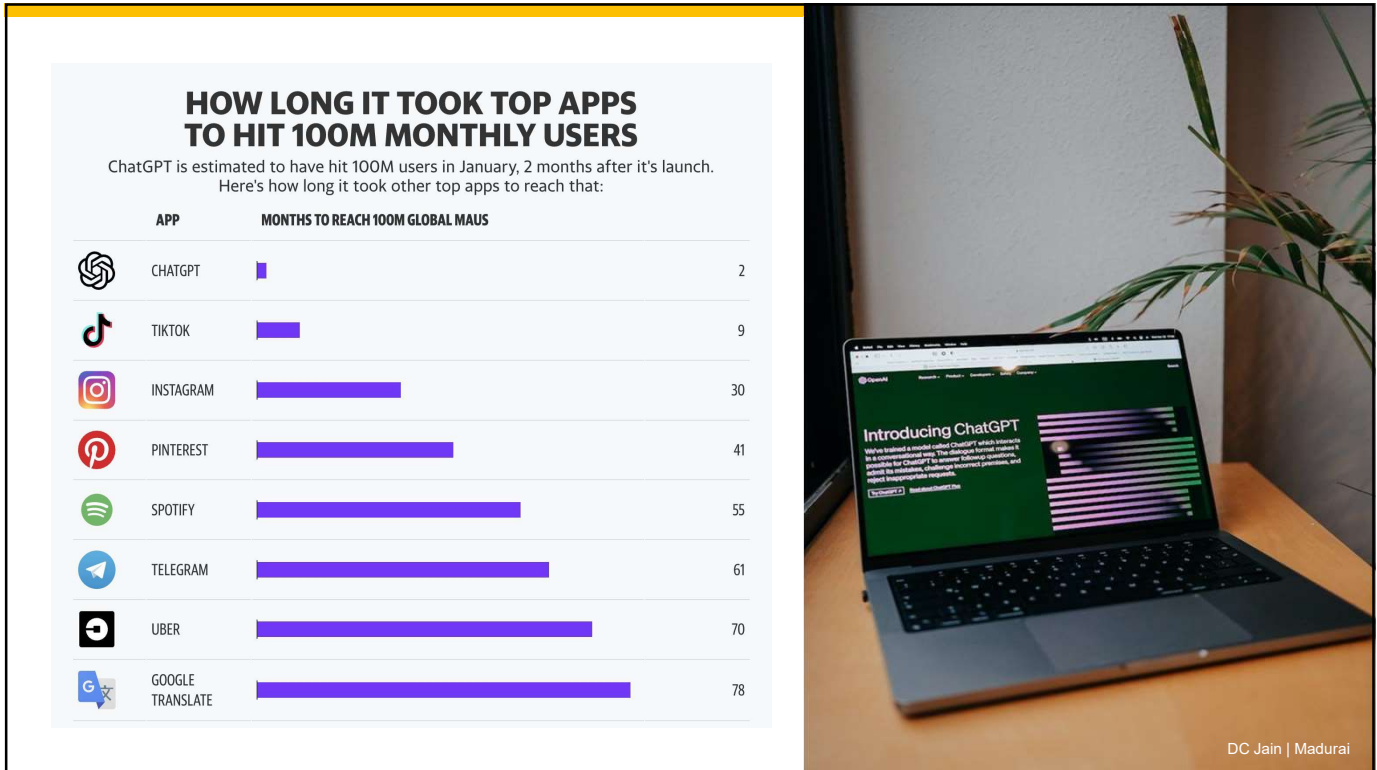
Features of ChatGPT

- It can generate coherent and contextually relevant responses to user inputs.
- It has applications in various domains, including content generation, language translation, text completion, and more.
- GPT has multiple versions, with each iteration (GPT-1, GPT-2, GPT-3, etc.) being more advanced and powerful than the previous one.



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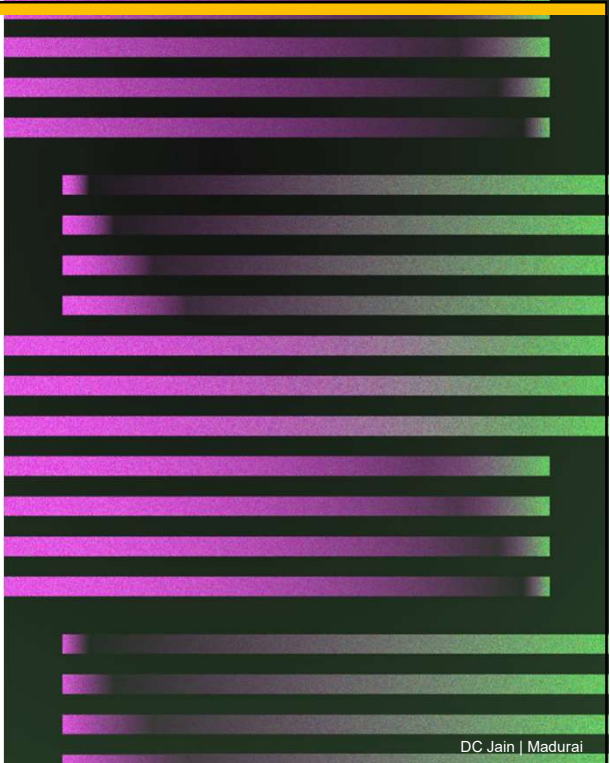


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Links / app

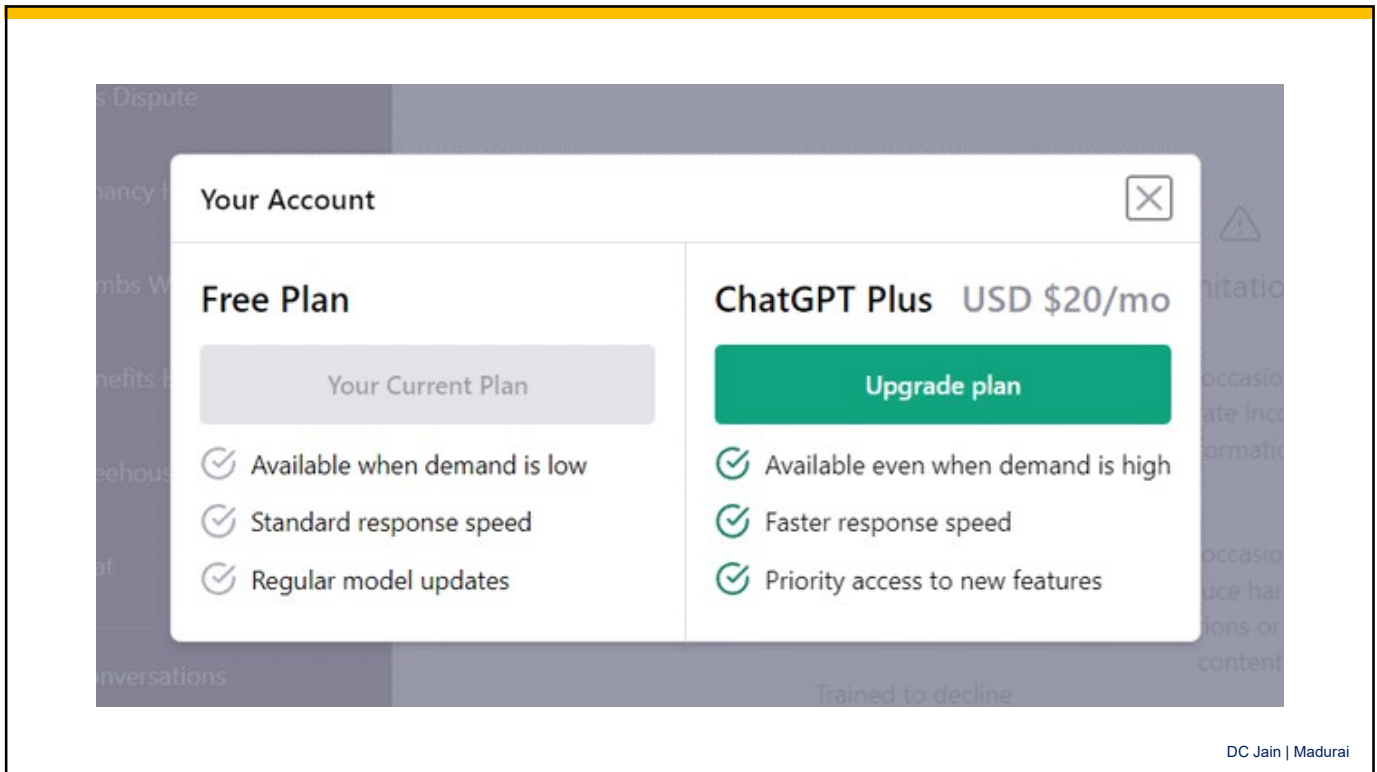
- <https://chat.openai.com/>
- ios app

- *Free*
- *Fine-tuned from GPT-3.5, a lang. model trained to produce text*



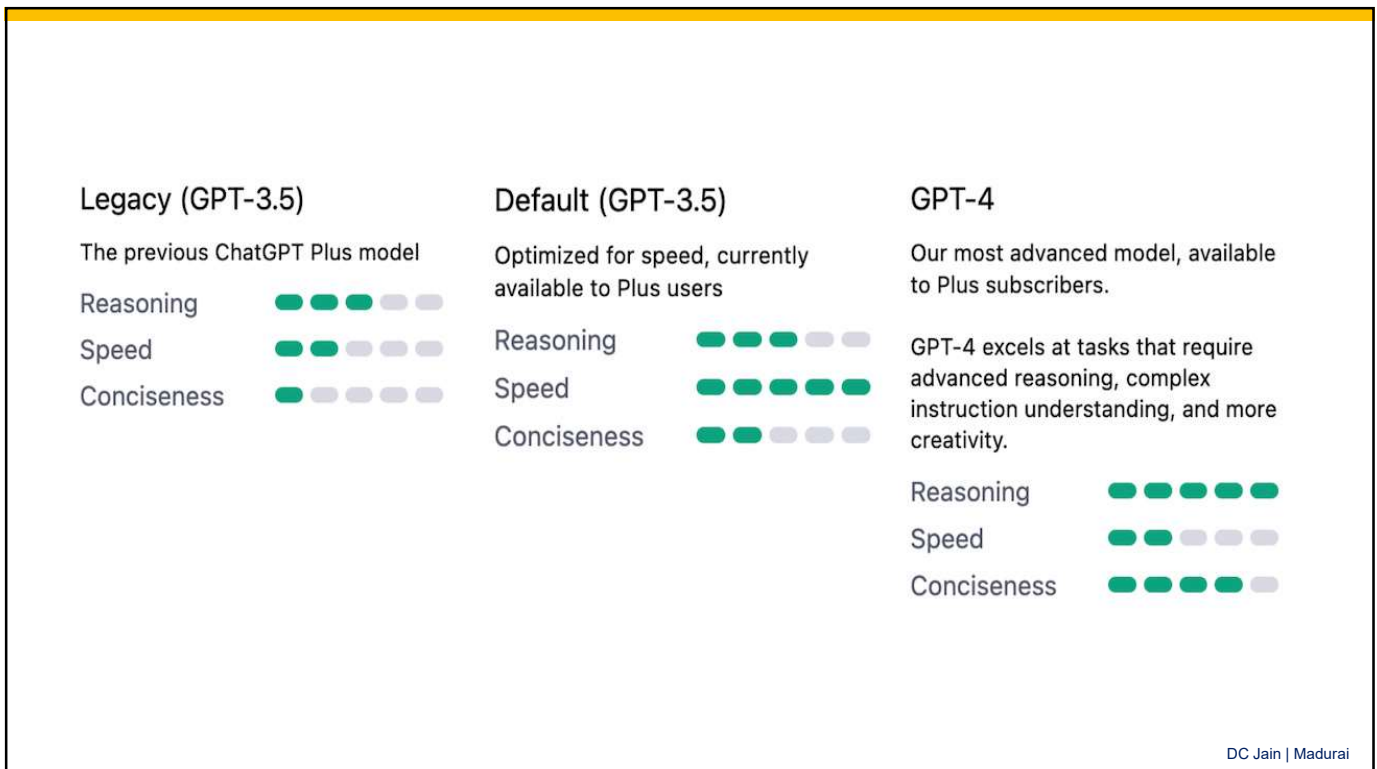
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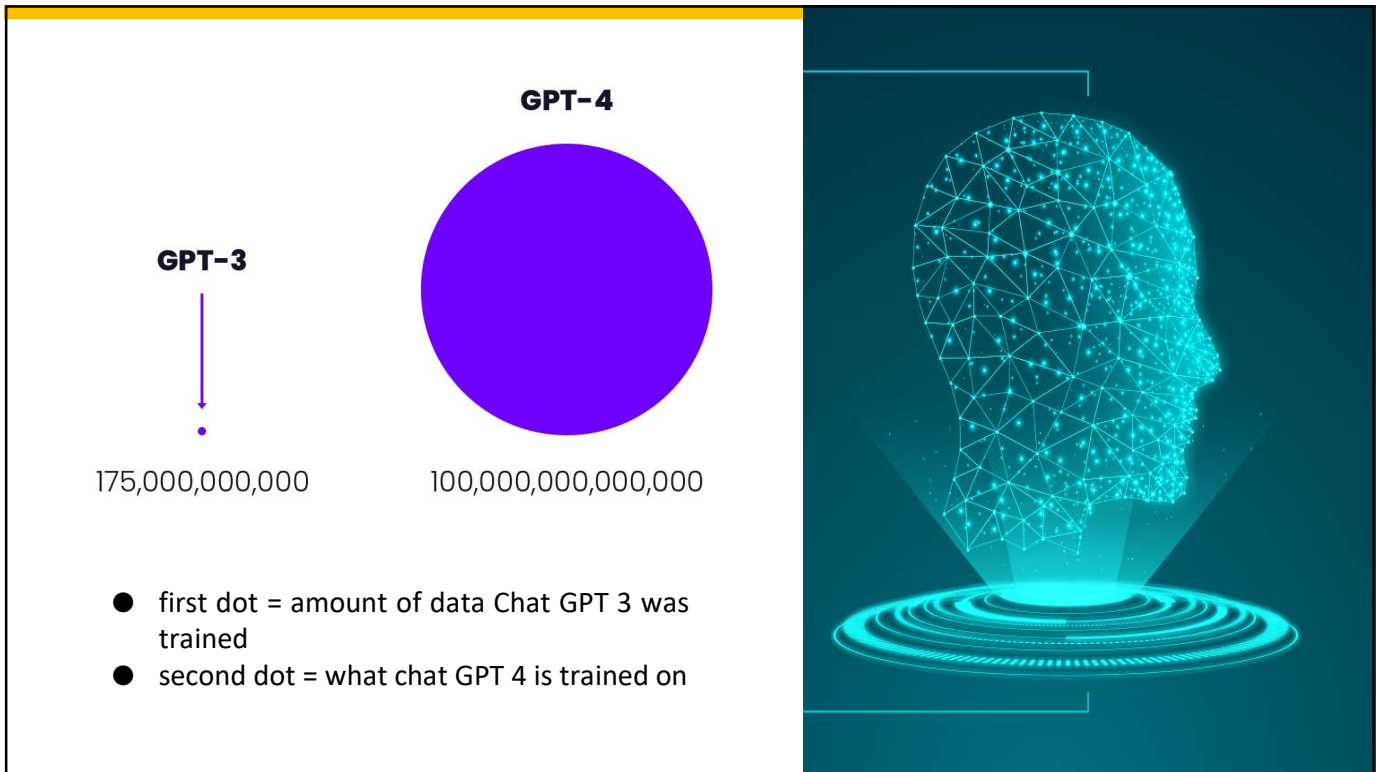
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ChatGPT

What are 3 of the capabilities of this model?

As an AI language model, I have several capabilities, but here are three of my key capabilities:

1. Language understanding and processing: I am capable of understanding and processing natural language text input from users. This means that I can comprehend written text in a way that allows me to extract meaning and context from it.
2. Text generation and response: I can generate text output in response to user inputs or prompts. This means that I can use the knowledge and understanding I have gained through training to create coherent, informative, and even creative responses to user questions or statements.
3. Knowledge retrieval and synthesis: I can access vast amounts of information and knowledge from various sources, including books, articles, and websites. I can also analyze and synthesize this information to provide insightful and accurate responses to user inquiries.

GPT-4

What are 3 of the capabilities of this model?

As a ChatGPT model, I possess several capabilities that allow me to understand and generate human-like text. Here are three key capabilities:

1. Natural Language Understanding (NLU): I can understand and interpret a wide range of text inputs, including questions, statements, and prompts in multiple languages. This ability enables me to comprehend context, identify the subject matter, and determine the purpose of the text.
2. Contextual Response Generation: Based on the input I receive, I can generate contextually relevant responses. This capability allows me to maintain a coherent conversation with users by providing answers, opinions, explanations, or creative content, such as writing a story or poem.
3. Information Retrieval: I have been trained on a vast amount of text from diverse sources, which allows me to retrieve and share general knowledge across numerous domains, including science, history, technology, and more. However, my knowledge is limited to what I have been trained on and is current only up to September 2021.

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- <https://www.bing.com/new>



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Disclaimers and Limitations

- ChatGPT is not connected to the internet
- May occasionally generate incorrect or biased responses
- Not suitable for sensitive or high risk tasks
- May occasionally produce harmful instructions, user discretion advised when relying on generated content.
- Ongoing efforts to improve reliability
- ChatGPT will occasionally make up facts or "hallucinate" outputs. If you find an answer is unrelated, please provide that feedback by using the "Thumbs Down" button

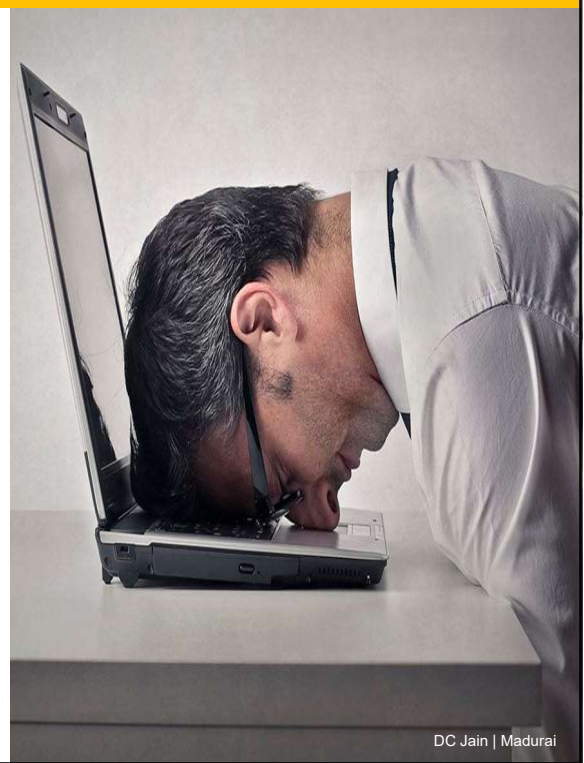
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Can I trust that the AI is telling me the truth?

- ChatGPT is not connected to the internet, and it can occasionally produce incorrect answers. It has limited knowledge of world and events after 2021 and may also occasionally produce harmful instructions or biased content.

We'd recommend checking whether responses from the model are accurate or not. If you find an answer is incorrect, please provide that feedback by using the "Thumbs Down" button.



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'ChatGPT Can't Beat Humans in Accounting'




NEW DELHI: AI chatbot ChatGPT is still no match for humans when it comes to accounting. The AI still has work to do in realm of accounting, say researchers. OpenAI's newest AI chatbot GPT-4 passed the bar exam with a score in

90th percentile, passed 13 of 15 advanced placement exams and got a nearly perfect score on the GRE Verbal test. Researchers at BYU and 186 other universities wanted to know how OpenAI's tech would fare on accounting exams. Although ChatGPT's performance was impressive, the students performed better. Students scored an overall average of 76.7%, compared to ChatGPT's score of 47.4%. The AI bot did worse on tax, financial, and managerial assessments, said the study published in the journal *Issues in Accounting Education*. —Agencies



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Whoops, Samsung Workers Accidentally Leaked Trade Secrets Via ChatGPT
ChatGPT doesn't keep secrets.
By [Geetha Shreejith](#) Apr 14, 2023

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Samsung Bans ChatGPT, AI Chatbots After Data Leak Blunder
Incognito mode is not an option.
By [Geetha Shreejith](#) May 2, 2023


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- <https://in.mashable.com/tech/50407/whoops-samsung-workers-accidentally-leaked-trade-secrets-via-chatgpt>
- <https://in.mashable.com/tech/51904/samsung-bans-chatgpt-ai-chatbots-after-data-leak-blunder>



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LATESTLY
CRYPTO INDIA WORLD **TECH** SPORTS ENTERTAINMEN

Home / Technology

ChatGPT Lands US Lawyer in Trouble: Attorney Fined USD 5,000 for Suing Colombian Airline Avianca Based on Fake Citations Provided by AI Chatbot
Fined USD 5,000 for Suing Colombian Airline Avianca Based on Fake Citations Provided by AI Chatbot

A US judge has sanctioned the lawyer who submitted a legal brief written by the AI chatbot ChatGPT, which included citations of non-existent court opinions and fake quotes.

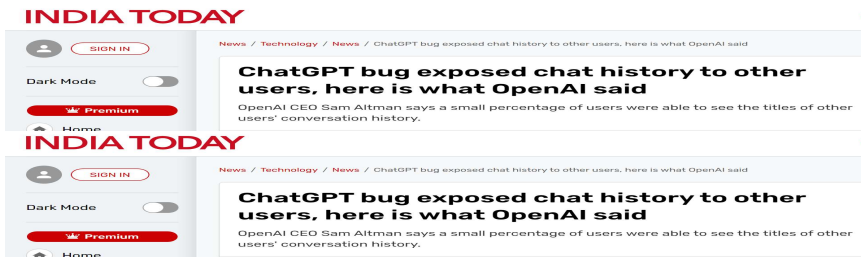
- <https://www.latestly.com/technology/chatgpt-lands-us-lawyer-in-trouble-attorney-fined-usd-5000-for-suing-colombian-airline-avianca-based-on-fake-citations-provided-by-ai-chatbot-5222048.html>



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Be cautious !!!



<https://www.indiatoday.in/technology/news/story/chatgpt-bug-exposed-chat-history-to-other-users-here-is-what-openai-said-2350289-2023-03-23>



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Over Reliance

- reduces critical thinking
- lessens problem-solving skills
- stifles creativity & originality
- weakens social skills
- reduces genuine interpersonal language practice
- contributes to a decline in academic integrity



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How it works ?

Examples	Capabilities	Limitations
"Explain quantum computing in simple terms" →	Remembers what user said earlier in the conversation	May occasionally generate incorrect information
"Got any creative ideas for a 10 year old's birthday?" →	Allows user to provide follow-up corrections	May occasionally produce harmful instructions or biased content
"How do I make an HTTP request in Javascript?" →	Trained to decline inappropriate requests	Limited knowledge of world and events after 2021

Send a message...

ChatGPT, Mar 23 Version. Free Research Preview. ChatGPT may produce inaccurate information about people, places, or facts.

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Live demo !!!

On the cards :
Book on ChatGPT for Professionals

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Modifying and Refining Prompts

- Be Clear and specific
- Provide Context
- Ask Open ended questions
- Continuously iterate for optimal results
- Customize prompts to fit desired dialogue style
- Experiment with different prompt approaches

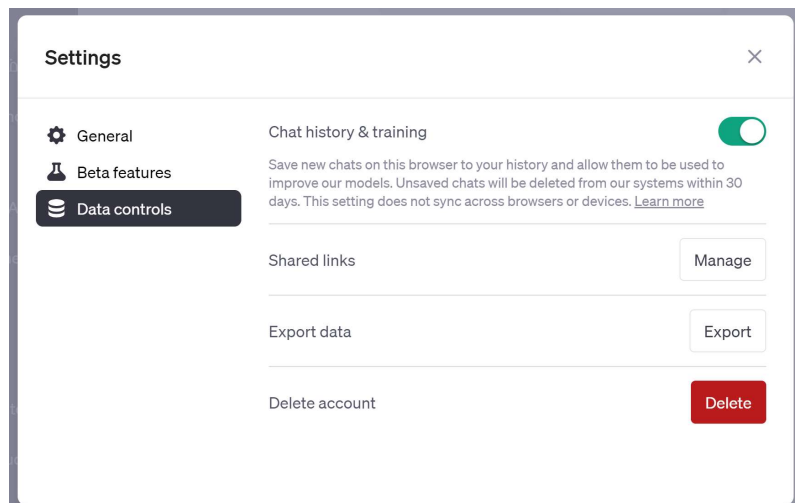


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Details / Data

- Instant copy
- Copy all



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Advantages of ChatGPT

- Seamlessly extends human capabilities
- Saves time and resources
- Increases efficiency in information retrieval
- Enhances customer support and engagement



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ChatGPT 3.5 vs 4.0

- ChatGPT 4.0 offers improved capabilities and accuracy
- Increased contextual understanding
- Faster response times
- Enables more nuanced and natural conversations

Who Should Use ChatGPT 4.0

- Professionals seeking advanced conversational AI
- Businesses with high chatbot interaction volumes
- Customer support teams
- Service-based industries



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ChatGPT Plus and Plugins

- ChatGPT Plus subscription for enhanced features
- Access to premium support and faster response times
- Various plugins available for specific use cases
- Extend functionality with third-party integrations



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ChatGPT Plugins



AskYourPDF

Uninstall ⊗

Unlock the power of your PDFs!, dive into your documents, find answers, and bring information to your fingertips.



Zapier

Install ↻

Interact with over 5,000+ apps like Google Sheets, Gmail, HubSpot, Salesforce, and thousands more.



Prompt Perfect

Uninstall ⊗

Type 'perfect' to craft the perfect prompt, every time.



VoxScript

Uninstall ⊗

Enables searching of YouTube transcripts, financial data sources, and Google Search results, and more!



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ChatGPT Plugins



ChatWithPDF

Uninstall

Chat with everything from entire PDF books to Google Drive documents just by providing a link.



There's An AI For That

Uninstall

Find the right AI tools for any use case, from the world's largest database of AI tools.



KAYAK

Uninstall

Search flights, stays & rental cars or get recommendations where you can go on your budget.



Stories

Uninstall

Create beautiful, illustrated stories easily.



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DU

write a better prompt for the following :

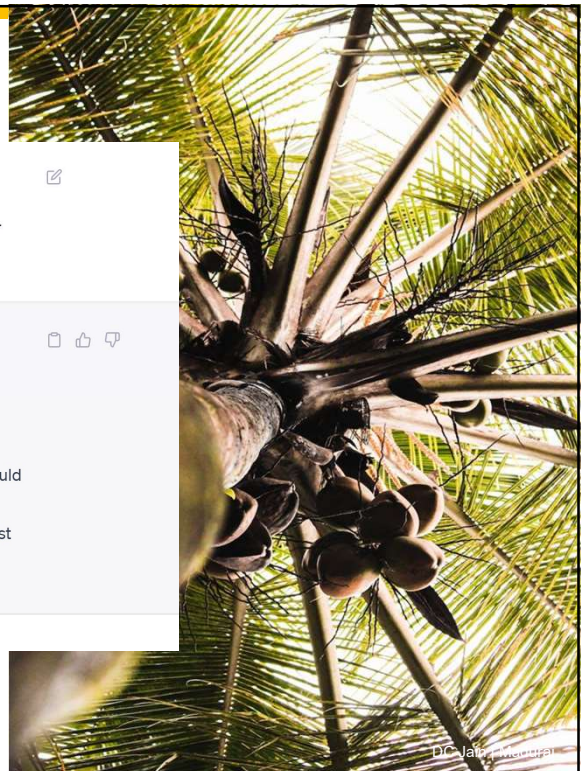
- I am a Chartered Accountant. Help me prepare in table a checklist for Form 3CD as per Income tax, 1961 with requirements along with relevant references



Used Prompt Perfect

Sure, here's your rephrased prompt:

"As a Chartered Accountant, I am seeking assistance in creating a comprehensive table checklist for Form 3CD in accordance with the Income Tax Act of 1961. The checklist should include all necessary requirements and relevant references to ensure accuracy and completeness. Please provide a detailed and clear guide to help me prepare this checklist effectively."



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Regulation of AI

- Importance of ethical AI development and usage
- Government initiatives to regulate AI applications
- Ensuring transparency and accountability
- Addressing potential biases and risks



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The Economic Times, New Delhi / Gurgaon, Saturday

Shift + Ctrl AI, Make It Safe With Regulation

Need to go beyond 'stakeholder capitalism'

Protocols are emerging to define governance frameworks in India for generative artificial intelligence (AI), models that can produce text, images and more. This week, the National Association of Software and Services Companies (Nasscom) issued guidelines on research, development and deployment of AI. This fits into the view of OpenAI CEO Sam Altman that societal antibodies should be embedded into algorithms that learn and get better with scale. The Nasscom prescriptions are broad — dealing with transparency, accountability and privacy — and the body intends to come up with specific rules for use cases. Proactive rule-making can avoid abuse creeping into a new technology wave as it did with social media. Innovators of generative AI, quantum computing and blockchain beyond cryptocurrency will undoubtedly benefit from testing these technological advances on the unsuspecting public. It's important to have guard rails in place.

Newer technologies like AI will be driven by businesses that have to contend with ethical damage to brands.



Decisions arrived at through AI need to conform to business ethics instead of being the responsibility of technology creators. AI and other innovations further down the pipeline can coerce consumer choice far beyond existing technology. Since these will be used to support the bottom line, business leaders are best placed to take a call on issues like fairness and freedom. This ethical concern cannot be left vague in the rubric of 'stakeholder capitalism'. It needs to be drilled down into internal processes and controls.

The lawmaker's approach to disclosure of AI deployment will confront corporate secrecy. So, it makes sense to move the guard rails into the board room. Enterprise-wide digital ethics risk mitigation will have to redesign workflows for human-machine interactions at a granular level. Corporate strategy must incorporate compliance and impact. But, first, companies need to assess the ground they need to cover to avert a technology ethics risk at scale.

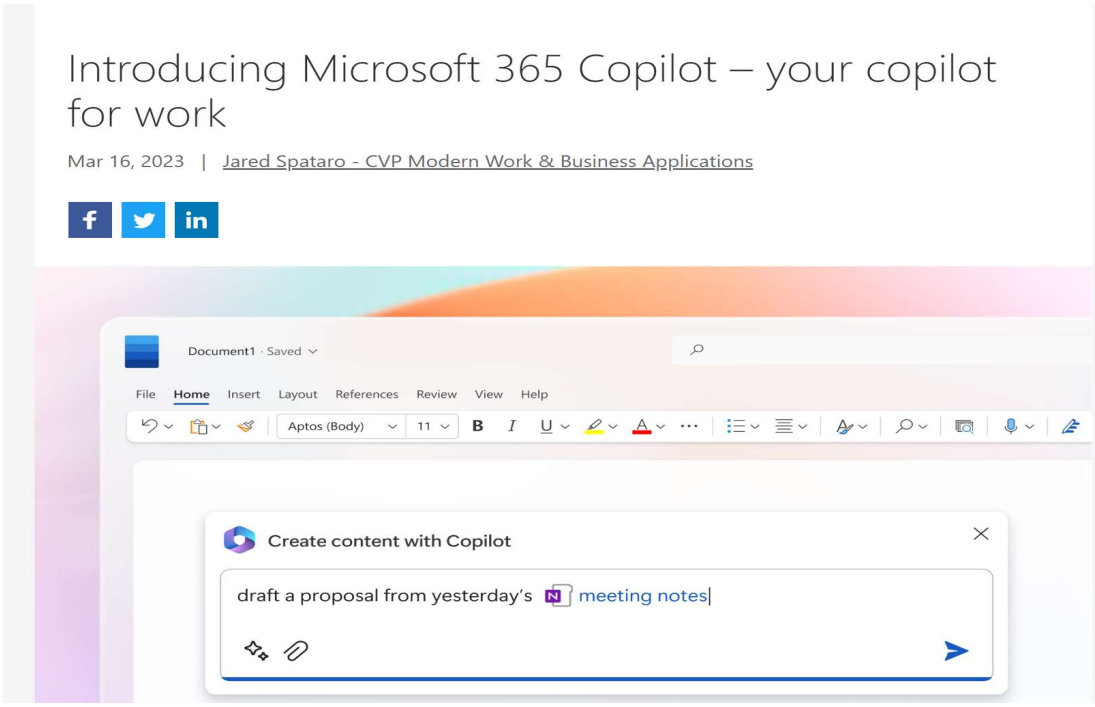
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Introducing Microsoft 365 Copilot – your copilot for work

Mar 16, 2023 | [Jared Spataro - CVP Modern Work & Business Applications](#)

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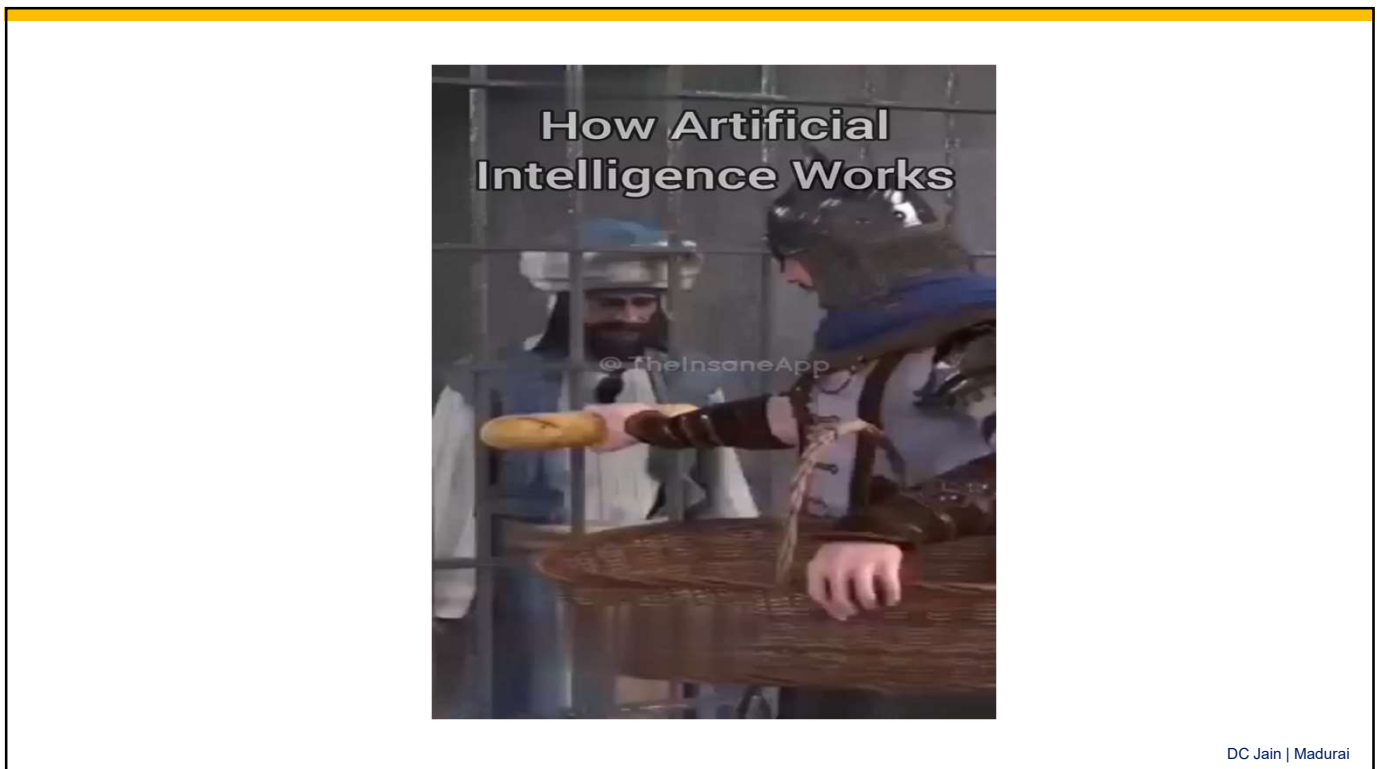
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Create content with Copilot

draft a proposal from yesterday's meeting notes

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TECHNOLOGY

Technology won't replace Chartered Accountants...

but
Chartered Accountants who use technology will
probably replace Chartered Accountants who do NOT...

● Source : SIRC Newsletter – Oct 2020

<https://www.sirc-icai.org/images/newsletter/oct2020/SIRC%20OCT%202020%20for%20webhosting%20and%20mass%20email.pdf>

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Thanks!

Any questions?

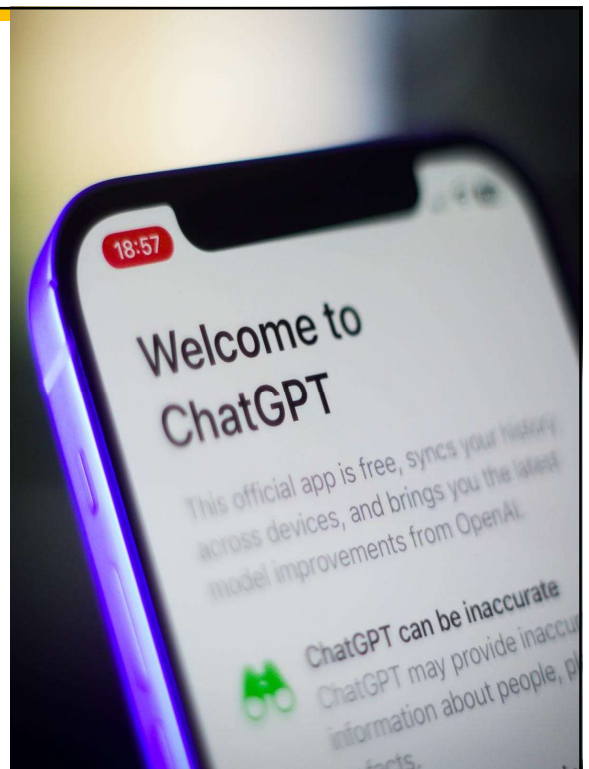
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