

Future of Sys Admins and AI-Security with users using AI in your environment

Gemini vs the Big Plabotski-Have Gemini write scripts vs Andrew

1) ChatGPT vs Gemini

- a) Gemini replaced Bard as Google's AI after Google lost 100 million
- b) Gemini was launched in Feb 2024 and can interact with the Internet
- c) ChatGPT is funded by MS and was launched in Nov 2022
- d) ChatGPT has no connection to the internet and stopped learning 4/2023

ChatGPT vs Bard: A Head-to-Head Comparison

Feature	ChatGPT	Gemini
Language model	GPT 3.5, GPT-4, GPT-4 Turbo, GPT-4o	Gemini 1.0, Gemini Pro 1.5, Gemini Ultra
Training Data	Web-scraped data (Common crawl)	Web-scraped data (Common Crawl, Infiniset, Wikipedia)
Image Creation	Yes (via paid plans w/DALL-E 3)	Yes (free with Imagen 2 and Imagen 3 coming soon)
Choose between Multiple Outputs	No	Yes
Internet Access	No – knowledge cutoff of April 2023	Yes – can perform live web searches
Inputs supported	Text, images (paid), voice (paid)	Text, images, audio, and video (Gemini 1.5 Pro)
Context window	GPT 3.5 supports 16k, GPT-4 supports 32k tokens, GPT-4 Turbo 128k tokens	Gemini 1.5 Pro 128,000 token window up to 1 million tokens (2 million tokens coming soon).
Languages supported	50+ languages	40+ languages
Share conversations	Yes (but can't share conversations with images)	Yes (export to services like Google Docs and Gmail)
Option to Deactivate Conversation Sharing	Yes	No
Mobile app	Yes – available on iOS and Android	Yes – Available on Android and iOS
Free or Paid	<p>GPT 3.5 version of ChatGPT is available for free.</p> <p>GPT-4 and GPT-4 Turbo are available with a paid plan such as ChatGPT Plus, ChatGPT Enterprise, or ChatGPT Teams.</p> <p>Paid plans start at \$20 per month.</p> <p>GPT-4o will be available for both free and paid plans</p>	<p>Gemini Pro is available for free.</p> <p>Other models like Gemini Pro 1.5 and Gemini Ultra can be accessed by upgrading to Gemini Advanced.</p> <p>Paid plans start at \$19.99 per month.</p>

e)

2) ChatGPT new features

- a) Data Analyst
 - i) Drop in excel file and have it analyze it
 - ii) Dalle-generate images
- b) Enterprise license with 365
 - i) Search One Drive

- ii) Make images
- c) Automations
- d) Create your own CHATGPT
 - i) To make documentations
 - ii) To troubleshoot
 - (1) Hardware, software
 - iii) Add to helpdesk software for user interaction
- e) It's all about the prompts!
 - i) #negative prompts-be careful
 - ii) [Kelly AI prompts](#)

3) [Free AI Tools](#)

- a) Pictures
 - i) [Genie \(in Discord\)](#)
- b) Research & Day to Day
 - i) [Perplexity](#)
 - (1) Cites its sources and takes you to the articles
 - ii) [CipboardAI](#)
 - (1) Copy and paste entire invoices/tables into excel
 - iii) [SciSpace](#)
 - (1) For research papers
 - iv) Code building AI recommended by Marcel <https://phind.com>
 - (1) WE LOVE YOU MARCEL
 - v) [GoogleSGE](#)
 - (1) Palm2(LLM), a tranformer neural network that allows AI to make suggestions to help improve user search results.
- c) Music
 - i) [Suno](#)
 - ii) [MusicGen](#)
- d) Animation
 - i) [LelaPix](#)
 - ii) [Insta3D](#)
- e) Video
 - i) [Pika Labs](#)
 - ii) [Moon Valley](#)
- f) Upscalers
 - i) [CapCut \(video\)](#)
 - ii) [Replicate \(image\)](#)

g) Text-to-Image

i) Ideogram

- ii) Dalle3 (inside ChatGPT)

Training for ALL-[Pluralsight courses in AI](#)

Generative AI in a nutshell -Einstein in the basement. Learning how to ask him questions and how to take him on a walk and put him to use in the best possible way.

[Samantha from "her"](#)- Using ChatGPT 4 to listen in on what you are doing or talk to another session. Crazy AI girlfriend or useful?

Interactive, Desktop app(Mac only), screen share w/chatgpt-tutor sessions, translator,

<https://openai.com/index/spring-update/>

23 AI tools you won't believe are free



Busy work, clerical tasks

User emails

How to's

Documentation

The better the prompt, the better the output

The movie she come to life

As AI continues to evolve, its impact on system administration is only expected to grow. Here are a few ways I perceive the future of AI as it relates to Sys Admins:

1. Automated Problem-Solving:

By harnessing AI's predictive capabilities, system administrators can identify and remedy possible issue areas before they impact operations. This predictive maintenance could be applied to areas such as network traffic, security breaches, hardware failures, and more.

2. Personalized Support:

AI can provide personalized assistance to Sys Admins as an intelligent helper, much like I do for you now. These AI tools might be able to handle routine tasks, freeing up Sys Admins to tackle more complex challenges.

3. Improved Security:

AI will likely play a significant role in detecting and responding to security threats. Advanced machine learning algorithms can identify patterns related to cybercrime and take proactive measures to protect the system.

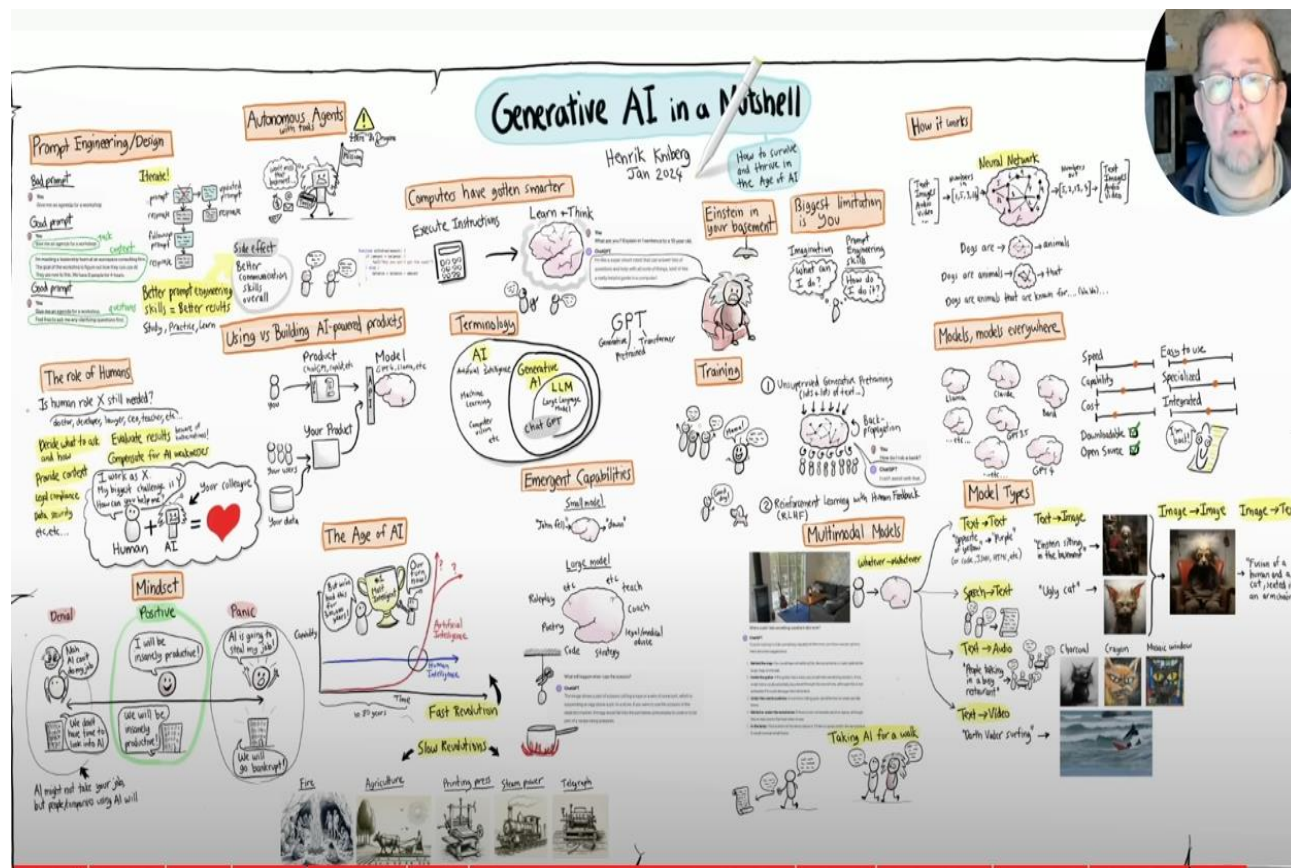
4. AI-Driven Analytics:

AI can help Sys Admins by providing useful insights from vast amounts of data, which can drive strategic decision-making about infrastructure planning and management.

5. Training and Upskilling:

As AI becomes more integrated into system administration, there will be an increased need for Sys Admins to understand AI, machine learning, and data science. Having these skills will likely become crucial for managing complex IT environments. So even though AI is expected to automate many aspects of system administration, it isn't a

replacement for Sys Admins. Rather, it will be a tool that Sys Admins can use to improve efficiency, troubleshoot more effectively, and enhance security.



Community:

Cows. Lawn roomba.

<https://securityaffairs.com/164873/cyber-crime/lockbit-claims-hacked-us-federal-reserve.html>

Fav users-T=SmartDeployEnjoyer

Bonus Content:

[Generative AI in a nutshell](#)

[chatpgt-mastery-course](#)

[UIClipboard](#)

[5 prompts 99% of ChatGPT users don't know](#)

[Pluralsight courses in AI](#)