Welcome back to AI Club!

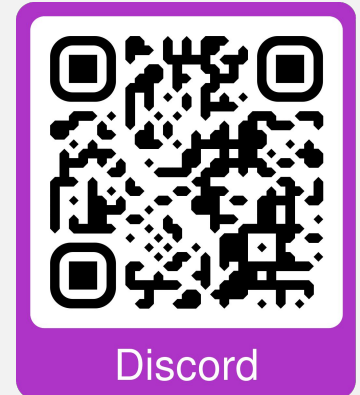AI CLUB

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1.

Who We Are

A space to explore AI through projects, workshops, and events.

Open to all experience levels—whether you're a beginner or an expert!

Find a welcoming environment with your peers

AI CLUB

Ways to Get Involved

➢ **Attend Events** – wooooo you're already here :D
➢ **Follow Us on Social Media** – Stay updated on meetings, events, and AI Club news.
  ○ Instagram: @rutgers.ai
  ○ GetInvolved: Artificial Intelligence Club
  ○ Discord: https://discord.gg/jeUTHkVNtM
  ○ Groupme: https://groupme.com/join_group/102980747/yver2JgJ
➢ **Join the E-Board Internship Program** – Help organize events and shape the club's future. (join our server, or follow us on Social Media for more info)
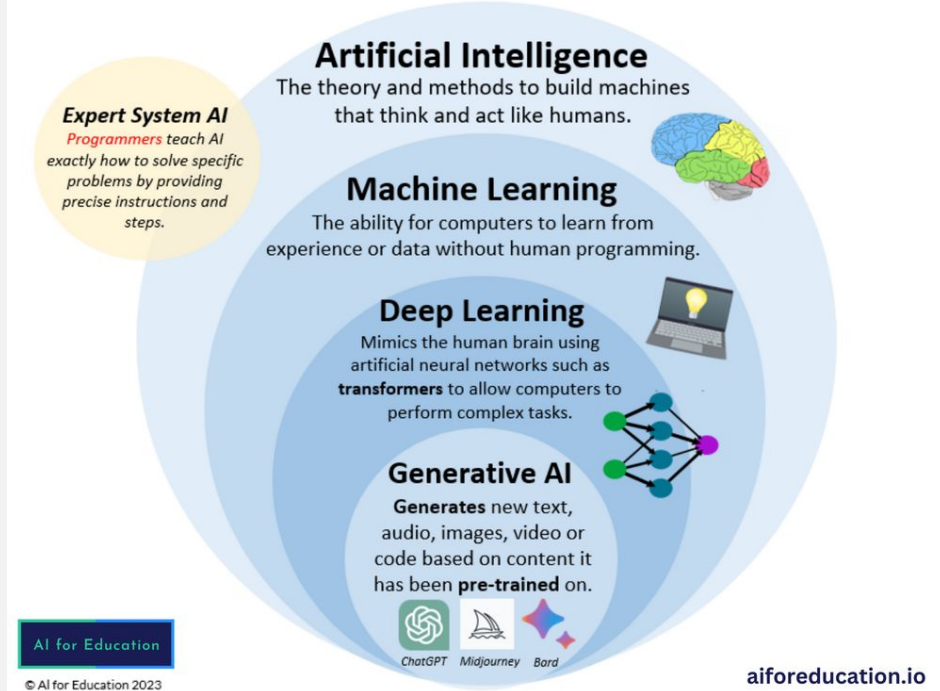
Discord

GroupMe

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One type of AI →

What is AI?

➢ AI is used in speech recognition, self-driving cars, recommendation systems, and more.

➢ Key areas of AI: Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, Generative AI, Expert Systems, AI Ethics, Edge AI, and Multi-Agent Systems.

➢ AI is transforming industries such as healthcare, finance, and entertainment.

Defining Generative AI

To understand generative artificial intelligence (GenAI), we first need to understand how the technology builds from each of the AI subcategories listed below.

Expert System AI
Programmers teach AI exactly how to solve specific problems by providing precise instructions and steps.

Artificial Intelligence
The theory and methods to build machines that think and act like humans.

Machine Learning
The ability for computers to learn from experience or data without human programming.

Deep Learning
Mimics the human brain using artificial neural networks such as **transformers** to allow computers to perform complex tasks.

Generative AI
Generates new text, audio, images, video or code based on content it has been **pre-trained** on.

ChatGPT   Midjourney   Bard

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Next Meeting:

➢ Week of March 6th…. Stay tuned for more details :)

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Activity: Let's Play AI Powered Mad Libs

Normal Mad Libs Instructions

1. **Choose a Story** – Select a Mad Libs template with missing words.
2. **Ask for Words** – Without revealing the story, ask players to provide words (nouns, verbs, adjectives, etc.).
3. **Fill in the Blanks** – Insert the collected words into the blank spaces in the story.
4. **Read the Story** – Read the completed story out loud and enjoy the funny results!
5. **Play Again** – Try a new story or use different words for a fresh, hilarious twist!

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Activity: Let's Play AI Powered Mad Libs

AI-Powered Mad Libs Instructions

1. **Enter for Words** – Without revealing the story, the program asks players to provide words (nouns, verbs, adjectives, etc.).
2. **Create Prompt** – Program inserts the collected words into the blank spaces in the prompt format.
3. **AI Story-Writing** – Model is prompted to write a story based on your inputs
4. **Read the Story** – Read the completed story out loud (yourself or with google-text-to-speech) and enjoy the funny results!
5. **Play Again** – I'll share the notebook so you can modify it or try it out with new words!

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Activity: Let's Play AI Powered Mad Libs

TO THE NOTEBOOK!!!!

LINK HERE ... or just navigate to tab
https://colab.research.google.com/drive/1LNMGZW5PHFMulI46RfmHz6HJ9MZ-zyO6?usp=sharing

We'll be playing Mad-Libs with Microsoft Phi-2!!!
→ a small (2.7B parameter), open-source model optimized for efficiency and reasoning tasks.
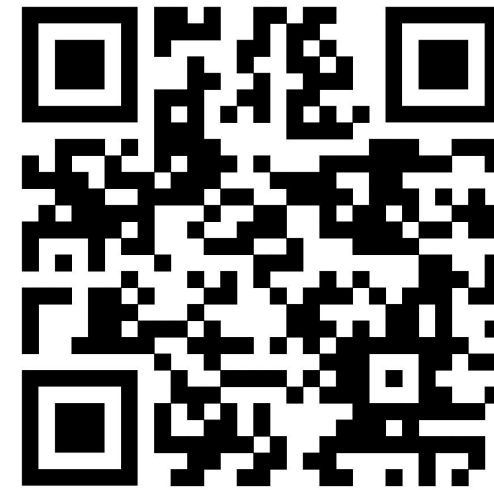→ Great for tasks requiring fast, coherent, and creative text generation without large-scale computational

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Activity: Let's Play AI Powered Mad Libs

Scan me for file access on your device→

Mad Libs Notebook

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Thank you for coming!

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