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Artificial Intel Applications ITAI 2372 Journal Entry

Research// WordPress Journal or GitHub to journal. Amazon Q is like chat gpt. Sentiment analysis.

3 Major classifications with AI:

Artificial Narrow Intelligence- works with specific data

Generative AI- It is generating something for you whether it is prompts or videos.

Artificial general intelligence (AGI) can do everything a human can do like a superhuman.

Machine learning takes input and the output and gives a program.

Transliteration: understanding the speech and typing it out.

Input is an ad/ advertisement and a user profile; images around me

Output is did he click on the ad; defective or no defect

Generative AI is supervised learning.

Response AI: if the data is not diverse enough then negative outcomes can occur.

If AI is not used responsively then it can go downhill with a negative outcome in real life scenarios like health care.

60% of google code being generated by AI in other words generative ai.

Maintenance-

- Manual: reactive maintenance,
- Automated: proactive/ scheduled maintenance/ batch processing (update software, move parts) still need humans to check machines.
- AI: Predictive maintenance (can prevent and predict data outcomes)
- Generated AI: Generates tasks that have not been created or thought through. Stops predictive AI or can improve.

Large language model: You input information and the machine gives the output of what it learned (garbage in, garbage out). Chat gpt 3

Multi morality large language model: chat gpt 4

Large Multimodal Model (LMM) advanced model that can understand and generate data across multiple types of data.