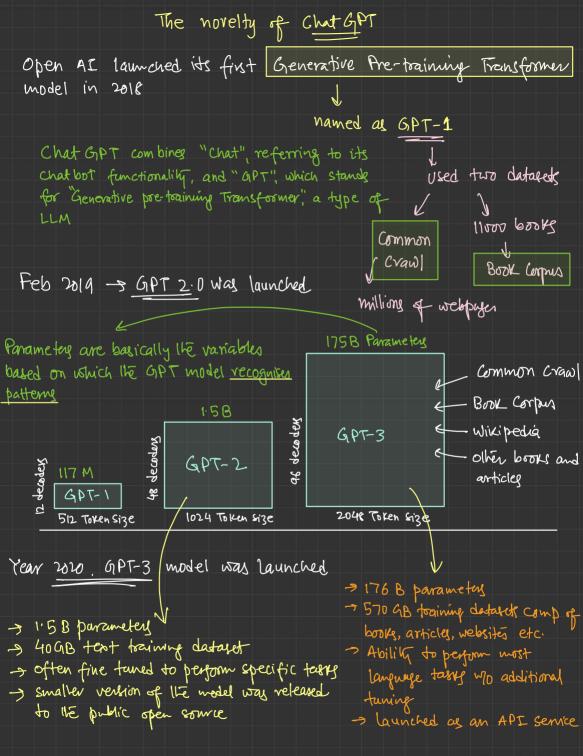
AI and ChatGPT

Chat GIPT and AI chatbots

Traditional computé poogramming



Chatbots and prompt engineering

Gingle Band chat GPT Bing AI same data set as used infenior to GIPT 4.0 is paid by BingAI -> You can get 4.0 advantage free in Bing AI -> Can cutoff sep 2021 limit Now, we need experts Prompt engineering to smarrtly handle prompts A for business to initate a conversation We used to write programs in computer languages to talk & computers but I AI, we can use natural larguage to interact I computers Tokens -> "Smallest unit of information understood by AI" Tokenizer Top Chat GPT doesn't recognise words, rallier, it recognises tokens Tokens are the individual units of information through which chart GPT undextands information " will tell you tokens and Characters count It is important to know this (Tokeng) because the limit set by OpenAI for chatGPT is based on tokers. Jn chatGPT 3.5 there is a limit of 4096 tokens for one pormpor Effective Prompt engineering 1. Make CG prevent to be an expert 2. Define objective very specific Ask CG to and you questions July Chat GPT 4.0 like limit 2. Refine your answer and commen question Is 32768 to know 3. Ask output formet including both question and answer 5. Prompt by example 6. Are can to and you questions Lon 24000 english words © Rashid Siddiqui

Three approaches to building 41 solutions in Azure"

1. Use pre-trained models - Azure Cognitisve services V Hent, image, audio video 2. Build simple models - Wilhout needing data scientists

- limited/no-code experiencer - Custom vision Also called Automated mk learning - Azure Machine learning

- Using Azure myclearning

3. Build complex models - Using data scientists

C AI workload types

- -> Content moderation and Personalisation
- -> Compulér vision voorkloads
- -> Natural language procuring WONKloads
- -> Kuo wiedge mining workloade
- -> Document intelligence vourcloady
- -> Generative A1 worload

Exploring pre-trained models Cognitive Services < bring A1 within reach of every developer No need of myc hearing expentise Exposed as AP1