Course: ChatGPT Prompt Engineering for Developers.

LinkedIn

DATE: PAGE:

- Types of LLMs
  - → Base LLM
  - → Instruction Tuned LLM

☐ Base LLM
- Predicts next word, based on text training data.

☐ Instruction Tuned LLM
- Tries to follow instructions
- Fine tune on instructions & good attempts at following those instructions.
- Further refine using ~~RHFL~~ RLHF

Advantage
- Less likely to output problematic text such as toxic o/t's compared to base LLM.
- Helpful, Honest, Harmless
- ~~For~~ Used for most practical applications today.

- Prompt Engineering

☐ Providing content
- → Increases Accuracy
- → Simplifies chat
- → Personalizes response

☐ Using Delimitters

Example 1:

```
Summaize the following article for
a 10th grader.
" " "
   Jupiter the largest...
" " "
```

Example 2:

```
Increase the following fnt. using
lru_cache
``` python
def fib(n):
``` ...
```

☐ Use detailed Instructions
- → Give details.

☐ Splitting Up Tasks
- → Get Chat GPT to plan
- → Start a new chat
- → Summarize them process.

☐ Custom Instructions
- → You can now give abrupt prompts

DATE:

- Socratic Prompting
  - Asking chatGPT qtn to improve o/p quality through reasoning.
  - Getting chatGPT to Ask

Example:

You are a branding expert. Come up with 5 brand names. Ask me questions (one each time) until you have all the necessary info.

- Advanced Techniques
  - Personas
  - Socratic prompting
  - Multimodality

- DALL-E
  - A diffusion Model
  - Leverages transformer model architecture
  - Trained with a large dataset of image/caption pairs.

- Hallucinations

Dealing with hallucinations
- Always verify chatGPT o/p.
- Do not use code o/p that you do not understand.

- Keep humans in the l
- Document severe hallucinations