

# Chatgpt-prompt engineering for developers

29 January 2024 14:30

Large Language model

Types of LLms

Base LLM-predict next word,based on training data	Example-once upon a time,there was a unicorn (it was mysterious animal)
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Draw backs of Base LLM	What is pc?
	But base LLM prints next similar question as what is CP? It keep on asking similar questions

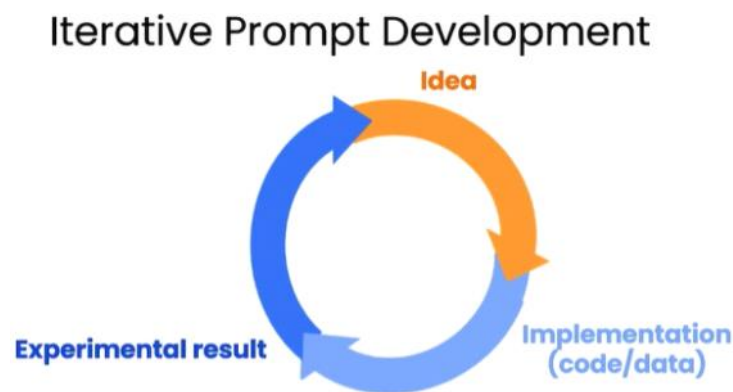
Instruction Tuned LLM	It tries to follow instructions
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It uses technic called RLHF-reinforcement learning from human feedback

Instruction tuned llm are honest,helpful&harmless

Working with open ai	<a href="https://colab.research.google.com/drive/1NVuZAua1SLTAOpkUN9UO99jiyd-g3yq7?usp=sharing">https://colab.research.google.com/drive/1NVuZAua1SLTAOpkUN9UO99jiyd-g3yq7?usp=sharing</a>
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Iterative prompt development



Prompt guidelines	Be clear & specific	Analyse why results does not give desired output	Refine the idea & prompt	Repeat
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Working with iterative prompt	<a href="https://colab.research.google.com/drive/1fkagPts5Gdm6LVlmMD_Doio9iVBe9Isg?usp=sharing">https://colab.research.google.com/drive/1fkagPts5Gdm6LVlmMD_Doio9iVBe9Isg?usp=sharing</a>
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Iterative Process

Try something	Analyse where results does not give what you want	Clarify instructions,give more time to think	Refine prompt with a batch of examples
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Summarizing	<a href="https://colab.research.google.com/drive/1s79ufZu43roap3QwoU4IRIN6RmCjmqpV?usp=sharing">https://colab.research.google.com/drive/1s79ufZu43roap3QwoU4IRIN6RmCjmqpV?usp=sharing</a>
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Inferring	<a href="https://colab.research.google.com/drive/1j3WpE3slZ79XltPBafcfWej0GbuKldh_?usp=sharing">https://colab.research.google.com/drive/1j3WpE3slZ79XltPBafcfWej0GbuKldh_?usp=sharing</a>
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Transforming	<a href="https://colab.research.google.com/drive/1o_r4vLdgv1kLq4kISENjTBWo3NnWBB4I?usp=sharing">https://colab.research.google.com/drive/1o_r4vLdgv1kLq4kISENjTBWo3NnWBB4I?usp=sharing</a>
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Expanding	<a href="https://colab.research.google.com/drive/1Kmt9dMYT1rnHwERkGBoalTAAqCjA8Nfo?usp=sharing">https://colab.research.google.com/drive/1Kmt9dMYT1rnHwERkGBoalTAAqCjA8Nfo?usp=sharing</a>	
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Chatbot	<a href="https://colab.research.google.com/drive/1Q8fdPME9F8yxMFPz3v2xVQ2Sy3Ry41Hd?usp=sharing">https://colab.research.google.com/drive/1Q8fdPME9F8yxMFPz3v2xVQ2Sy3Ry41Hd?usp=sharing</a>
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