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# Prompting is all you need

Using “prompts” to drive LLMs (Large Language Models)

HBR in 2012 had declared ‘Data Scientist’ as the Sexiest job in 21st century. Looking at the rage of LLM’s that we are seeing these days, one will need to change that proclamation, to say that ‘Prompt Engineer’ is that sexiest job.

Last month itself (January 2023), Anthropic advertised a job opening for a Prompt Engineer and Librarian with a salary range of \$250k — \$335k.

Now, beat that!!

Below is the overview of what this Prompt Engineering is:



Prompt Engineer

# >> PROMPT ENGINEERING

A hand-drawn diagram of a web form. It features a blue rectangular box with horizontal lines representing text input fields. Below this box is a smaller rectangle labeled 'submit'. To the right of the form is a lightbulb icon with a yellow glow, indicating an idea or a successful submission. Above the lightbulb, the word 'model' is written, followed by three horizontal lines and a checkmark, suggesting a successful model submission or a completed task.

Crafting optimal "prompts" for LLMs (Large Language Models) to give effective results!! [like GPT]

Good prompt

Context : sentence, facts

Data: factoids, examples

→ Continuation: Extract keywords

**Sentence :** In my city of Pune there are many tourist attractions...

Extract Keywords from the sentence Zero School

**Facts :** India is a large country with 28 states. Her capital is New Delhi. India has Himalayas at the north and she is surrounded by seas on 3 sides.



what lies on all sides of India?  
Himalayas on North and seas  
on remaining three sides

### Example 'prompts' for Image Generation

"monkey  
on a  
Rocket"



DALL-E

"rainbow  
in a  
jar"



## Stable Diffusion

New Job  
roles  
coming

## Anthropic

New tools  
to assist

promptify

### Prompt Engineer and Librarian

- Demonstrate skills by projects (promptsek)
- show tutorials, interactive tools built

Given no/few shots learning sample generates prompts internally to build a fine tuned model on LLM

References : Openai.com, Cobus Greyling, Sung Kim, etc

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