Prompt Engineering with ChatGPT

Session 2

By the end of this session you will...

- Discover possible working fields of chatGPT.
- Discover key elements in writing efficient prompts.
- Make a language practise partner with ChatGPT
- AI bots for academic research and content writing.
- Generate your first book with nice cover .
- Generate specified chatbots for specific tasks.

Matta and Schwartz lawyers

Story tiime!

Schwartz Office

Steven Schwartz

Peter LoDuca

When the Judge asked for thier **resources**

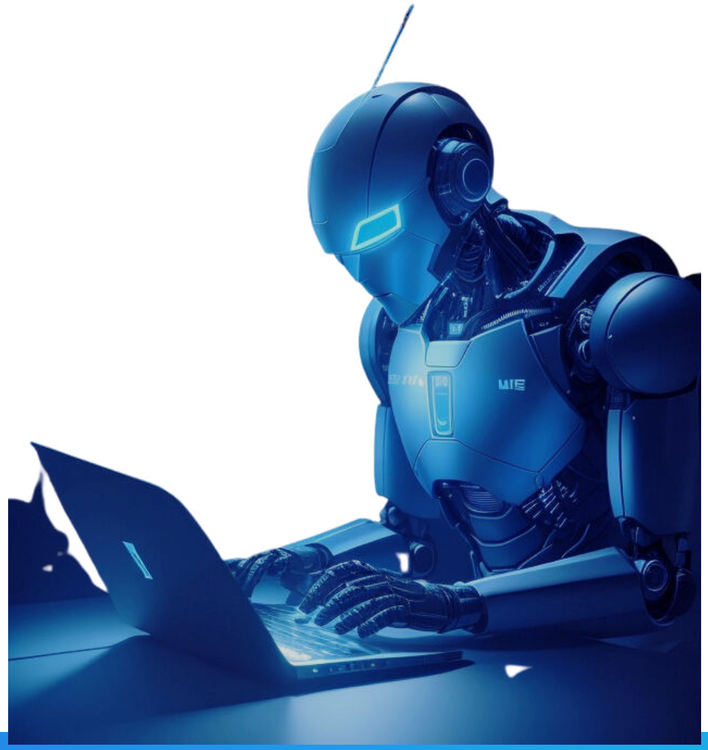
Steven Schwartz

Peter LoDuca

Matta after
losing his case

وغلاوتكم متشغلوش دماغكم تاني

What is Prompt Engineering?



Prompt Engineering

The goal of prompt engineering is to design clear enough inputs for the model to achieve accurate outputs from the model.

Prompt Engineering is **ranked the top one needed job in the future** according to the world economic forum.

Current rising AI Chat models

parameters	2.7 Trillion	175 billion	137 Billion
How to run	Sign in with your microsoft account	VPN Forigner Number	Sign in with your google account

Creating a ChatGPT account

Using VPN

Using forigner number

Instantly Access ChatGPT

POE

Tips for writing Good prompts

1- Be Desriptive and Detailed as you can

Context

more details about the task

Audience

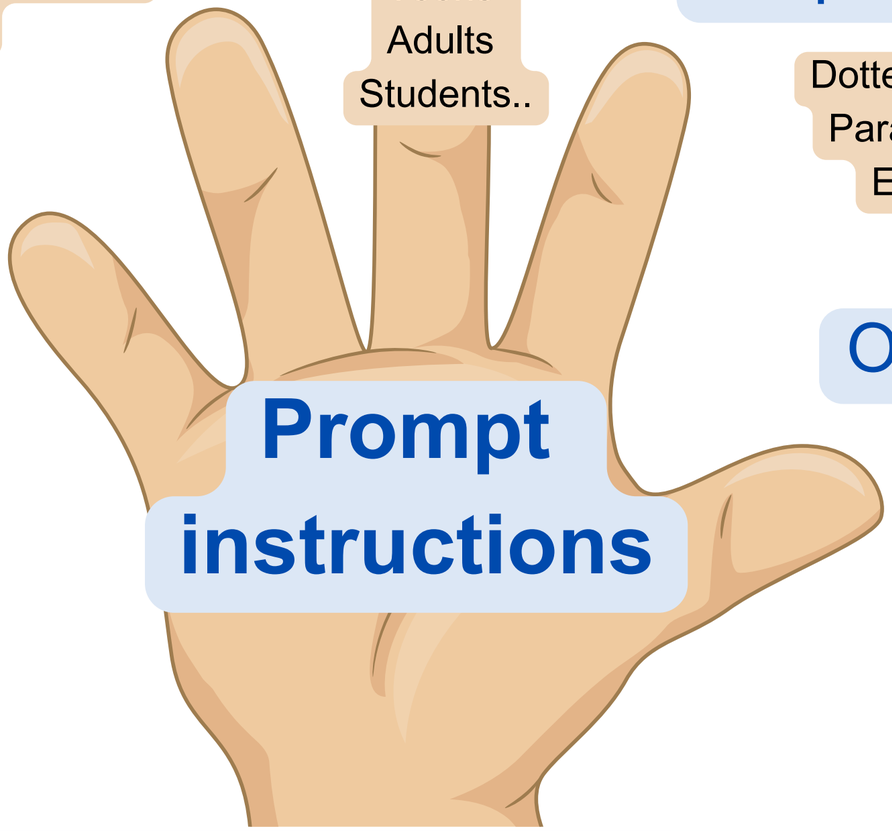
Kids
Teens
Adults
Students..

Output format

Dotted points
Paragraph
Essay

Tune or Style

Friendly
Academic
style of jk.Rawling



Prompt instructions

Output length

how many words?

Instead of.. Try..

Write an essay about friends

I am a high school1 student. I want yout to write an essay about friends in a **friendlly style**. The essay should be **clear for kids** to read and catching eyes. The essay should not exveep 400 words.

Instead of.. Try..

Summarize the following text: {text}

Summarize in **dotted points** the following text: **"""text """**

Separate instructions and actual text with """ """

2- Reduce imprecise words

I need you summarize this article in a **kind of short paragraph**

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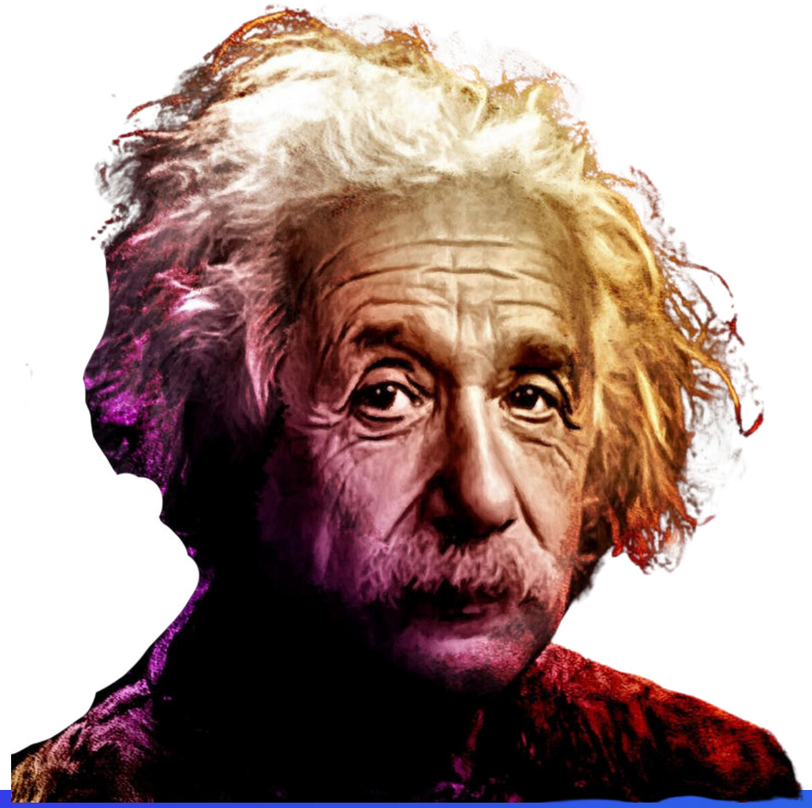
يعني عايزه في قد ايه مش فاهم؟

Act as... Rule play



Act as **Albert Einstien,** and explain relativity in a simpler way. Always stay in character and help my understanding any concepts or questions I ask for.

and so on with any character or job...

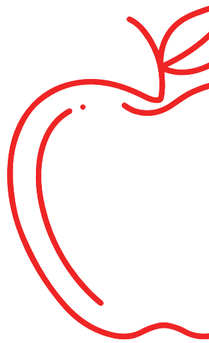
Act as... role play

|Let's Make your slang practise partner..

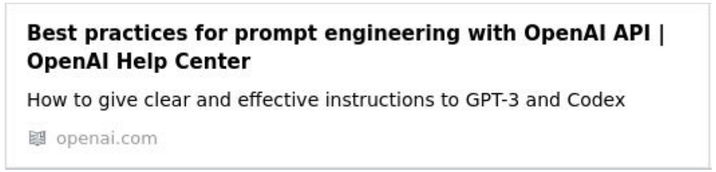
Let's Try This..

Sarah is a village girl. If she took an apple on **Friday** from her father.. the apple get doubles every day till reach the next week. If she took the apple any day else it doesn double. Sarah took an apple from her father on **Sunday**.

By the end of the week how many apples she has



Let's read from openAI documentation



What if we added this

For example if sara took an apple from her father on **Tuesday**, it doesn't get doubled as the apple is not taken on Friday. So the apple would remain **1 till the end of the week**.

Types of Prompts

Zero Shot

include instructions with no examples

Sarah is a village girl. If she took an apple on **Friday** from her father.. the apple get doubles every day till reach the next week. If she took the apple any day else it doesn double. Sarah took an apple from her father on **Sunday**. By the end of the week how many apples she has

Few Shot

Include instructions with examples of predicted outputs.

For example if sara took an apple from her father on **Tuesday**, it doesn't get doubled as the apple is not taken on Friday. So the apple would remain **1 till the end of the week**.

Fine Tuning

Suitable for large amount of data.
Require large computing resources and data set.

Let;s Build a task planner ChatBot

POE

What if we have a big task like writing a full book or a game?

How to deal with ChatGPT output limit?

Task Decomposition

Breaking down a big task into small subtasks for the model to finish with high

Chapters

Topics

How to decomposite a task

1- Main outline chapters
2- Subtopics in each chapter
3- Writing the content of each group of subtopics separately.

Same with coding or any large project.

Let's make our first book with AI!

How to avoid AI detectors

ZeroGPT

Undetectable AI

Paraphrasing using Quil Bot

Manual paraphrasing (BEST)

Always remember to use AI as a tool
not as a Way!

we still need your humanity!!

Publish your Book on kindle

How to get the most out of ChatGPT

Brain storming

Translation and writing assistant

Find great resources match what you need

Where to Get Prompts ideas?

How to make Mutliple Desings all at once!!

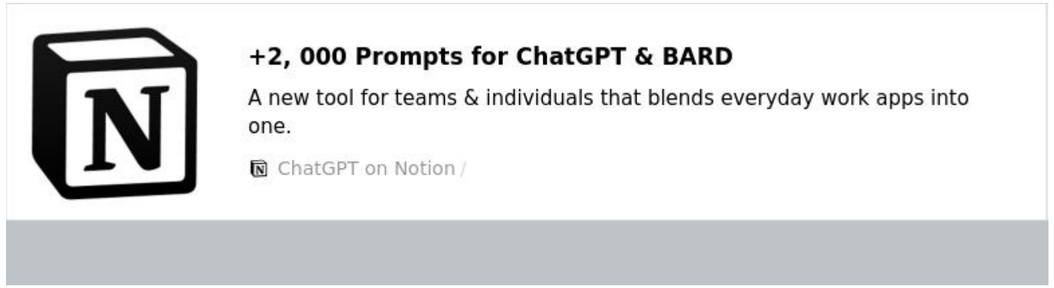
Bulk Generation with Canva

Extra information

Practice makes Perfect

+2000 prompts

in wide variety of fields



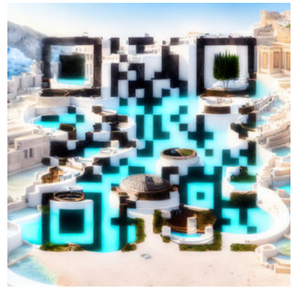
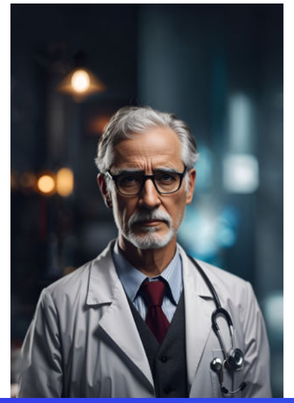
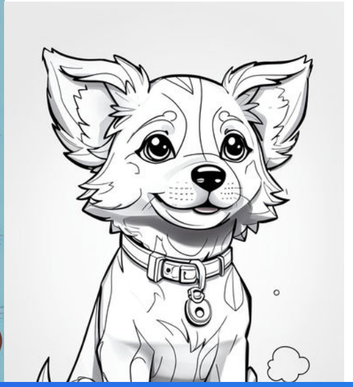
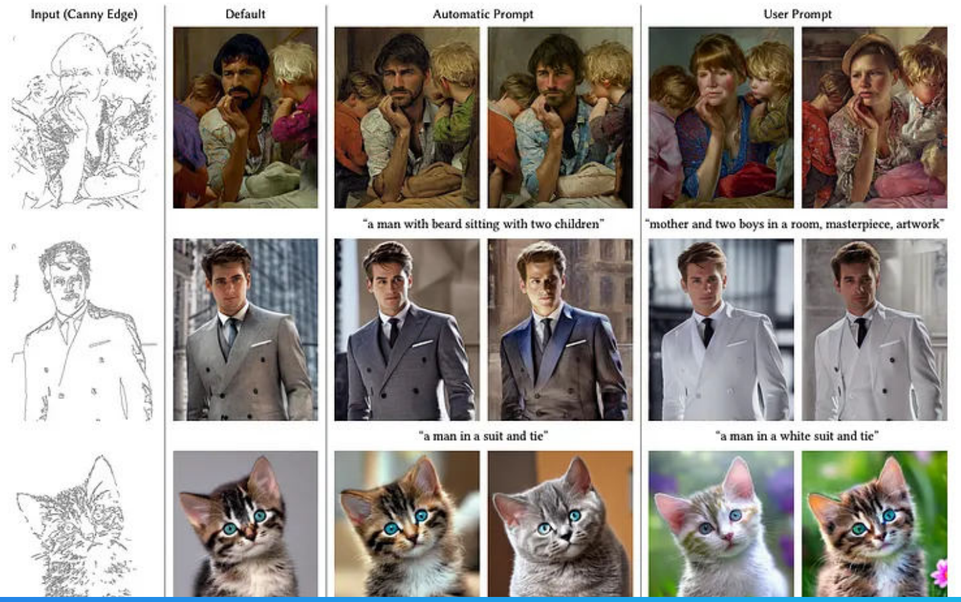
You did it!!

Congratulations!!!!

End of first module.

in the next session....

You did it!!

AI arts

- Generating nice looking art works.
- Create your small image gen model
- Turning drawings into art with Control Net.