

Generative AI hands-on 1

Task 1: Effective prompt – diet plan

Customize the following prompt – personalize it for you:

You are a seasoned nutritionist with 10 years of experience renowned for transforming even the most undisciplined and unhealthy individuals into health-conscious individuals.

I am a 47-year-old male. I would like to build muscles and remain lean. I have 8 hour desk job. My Food Preference is strictly vegetarian, with a preference for South Indian cuisine.

** Allergies: Almonds (avoidance required).*

** Health Condition: Elevated blood pressure.*

Ensure the total daily caloric intake is within 2,000 calories.

Create a weekly meal plan for me.

Copy-paste the above into multiple AI chatbots and observe its responses

Google Gemini: <https://gemini.google.com>

Microsoft Copilot: <https://copilot.microsoft.com>

OpenAI ChatGPT: <https://chatgpt.com>

Perplexity, Claude.ai, grok, deepseek are some others you may wish to try

Task 2: Document summarization and question answering

Download latest India budget speech from:

https://www.indiabudget.gov.in/doc/budget_speech.pdf

Upload it to any AI chatbot or to chatpdf.com or popai.pro

Interact with the document. Suggested prompts below

(Edit these and change the text in <> with your own)

- What is the summary of the speech
- Has the infrastructure <put your interest sector here> spend been increased or reduced?
- How are other Asian countries doing? Are they also increasing (or decreasing) their budget outlay in <your interest sector>

Task 3: Resume and JD matching

We will now look at how LLMs are able to powerfully match a job description against a bunch of resumes given to them.

Note that they are not just doing pattern matching, but going beyond it to look at context and meaning!

For example, “outstanding achievement” is matched with “published a paper”

Download the sample resumes and JD from the task3_resumes_data zip below:

https://drive.google.com/drive/folders/1bcdCjUEetCOOKiTqilDCj_17Xb7PuykX?usp=drive_link

direct link:

https://drive.google.com/file/d/1IHpOnGSf0M2FaJkV9p9i5ZbDxcEEVusT/view?usp=drive_link

Open chatgpt or google gemini and upload the resumes from the **resumes** folder

Copy paste one of the JDs from the JD folder and ask the AI chatbot to recommend which candidate will be a good match.

Task 4: Data Analytics – attrition prediction

We will now look at the analytics, insights and predictive capabilities of LLMs

Download employee data from following location:

https://drive.google.com/drive/folders/1bcdCjUEetCOOKiTqilDCj_17Xb7PuykX?usp=drive_link

Open chatgpt and upload the csv to it.

Ask questions such as:

Based on this data, which employees are at risk to leave the company? please explain with reasons

Task 5: Data Analytics – hiring trends dashboard

We will now look at the power of custom models to perform specific tasks such as charts and dashboard creation, insights.

Download employee hiring data zip from:

https://drive.google.com/drive/folders/1bcdCjUEetCOOKiTqilDCj_17Xb7PuykX?usp=drive_link

Open chatgpt and upload both the hiring data and the open positions csvs to it.

In the pdf in the zip you will see sample prompts and questions you can ask from this data and the charts and dashboards you can create

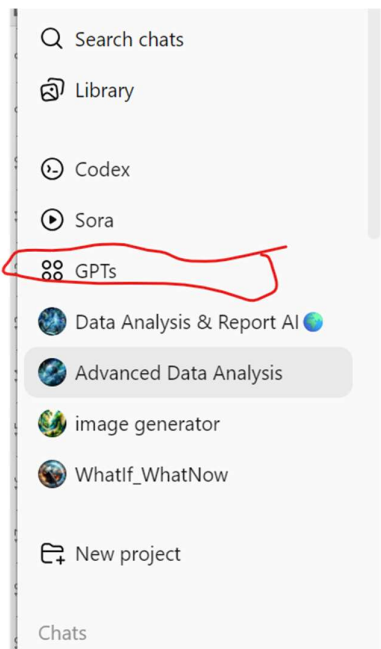
Task 6: Supply chain route optimization

We will now look at the power of custom models to perform predictive tasks.

Download supply chain zip from:

https://drive.google.com/file/d/1g99bX09hDcH0G3lhztqXDvOvbgKDx8Nt/view?usp=drive_link

Open chatgpt and chose the “Advanced Data Analysis” GPT



Open the “Route optimization prompt guide” provided in the zip file to guide you on the prompts you can ask.

Task 7: Presentation (slide deck) generation

Open gamma.app

Generate a presentation on any topic of interest to you.

For example: “create a 5 slide presentation on how generative AI will impact telco industry”

Task 8: Poster/Image generation

1) Canva

Login to canva.com

Choose “Generate with AI”

Type in your prompt, for example:

“Create a poster for POSH session being conducted in Pune office on Jul 13th, 2pm to 4pm”

2) Stable diffusion

Login to <https://stablediffusionweb.com/image-generator>

Give a prompt: “Generate realistic image of an Indian village girl”

3) <https://affogato.ai/>

Task 9: Video generation

Login to <https://invideo.io>

Give a prompt such as:

“Create a one minute video on safety guidelines in an aluminium smelting plant”

Task 10: Audio/conversational AI

Try the following tools to explore audio generation and conversational AI:

Fish Audio

[Fish Audio: The Best & Free Generative AI Text To Speech & Voice Cloning](#)

Eleven Labs:

<https://elevenlabs.io/app/conversational-ai>

Murf:

<https://murf.ai/>