Hello World with Gemini Pro
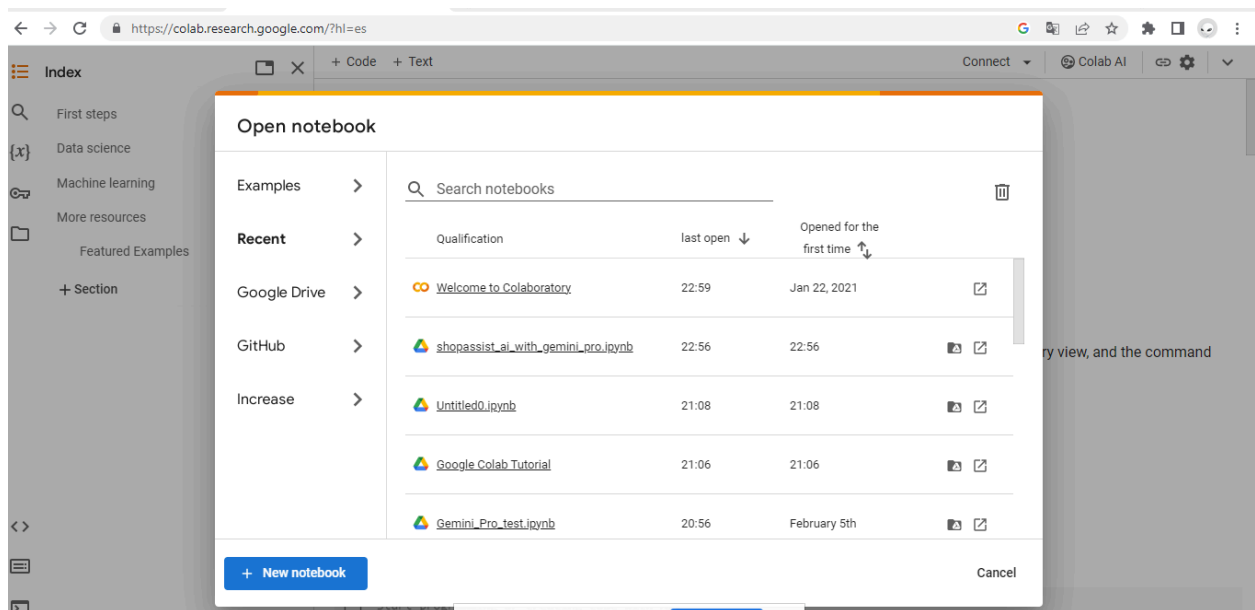
 https://www.youtube.com/watch?v=inN8seMm7UI

 https://ai.google.dev/docs

Google Colab

Step 1) Open Google Colab: https://colab.research.google.com/

Click on

Gemini Pro

Step 1: Create an API key to use Gemini Pro

Visit URL: https://makersuite.google.com/app/u/1/apikey
Create API key and copy it
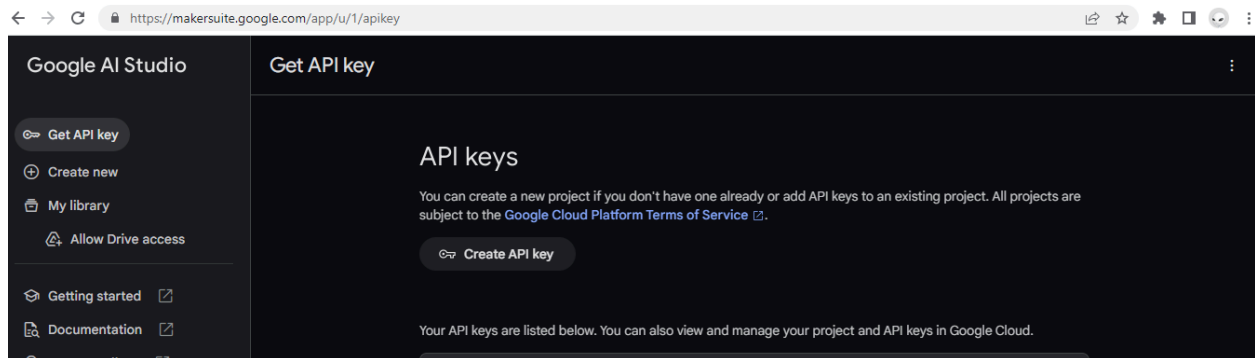
Step 2: Open Google Colab and Install *google generative ai* dependency

`!pip install google-generativeai`

Step 3: Import Generative AI and Configure Key

```python
import google.generativeai as genai

# Configure api_key
genai.configure(api_key="AIzaSyBkZ96Tm3LICKAboAILkKFLFC3LuFMqwlg")

# Listing all the models
for m in genai.list_models():
    print(m.name)
```

```
models/chat-bison-001
models/text-bison-001
models/embedding-gecko-001
models/gemini-1.0-pro
models/gemini-1.0-pro-001
models/gemini-1.0-pro-latest
models/gemini-1.0-pro-vision-latest
models/gemini-pro
models/gemini-pro-vision
models/embedding-001
models/aqa
```

Step 4: Create Model Instance, Define Prompt and Execute Prompt

```python
[21] # Define Model Instance
     model = genai.GenerativeModel('gemini-pro')

     # Define prompt
     prompt = 'Who is the prime minister of India?'

     # Execute Prompt
     response = model.generate_content(prompt)
     print(response.text)
```

```
Narendra Modi
```

Step 5: Homework
Define your new prompt and try to execute it in a new cell
e.g. Who is the president of India?

Thank you

Reference:
Gemini Pro Documentation: https://ai.google.dev/api/python/google/generativeai
Colab Reference:
https://github.com/edquestofficial/Gen-AI-Cohort/blob/main/2024/generic/Hello_World_with_Gemini_Pro.ipynb
Document Source: https://docs.google.com/document/d/1wl8msE_Ybv69z8EknZVqiiOlsJfK_5Exk3dM6yyJ4YQ/edit