**How to Run the code:**

1. First Run “CSVChatbotCode.ipynb” [google colaboratory]

Note :Please ensure to use the GPU processor , the code does not work with CPU.

Without-Index Model:

* After running the ***pip install accelerate*** cell, restart the runtime.
* Then, run all the packages and cells step by step.

With-Index Model:

* After running the cell,

***import locale   
locale.getpreferredencoding = lambda: "UTF-8"***

* Restart the runtime.
* For the Replicate and Pinecone cell,   
  ***os.environ['REPLICATE\_API\_TOKEN'] = "OpenAPI\_Key "***
* ***os.environ["PINECONE\_API\_KEY"] = "OpenAPI\_Key "***
* Please use Open API Keys by creating accounts in both Replicate and Pinecone.
* Also Create an Index with the name – “reports” with 768 dimensions in the Pinecone.
* Upload the TCGA\_Reports.csv file in the environment.
* Now run the cells.

1. After running all the cells in the “CSVChatbotCode.ipynb” , now open the folder in your local where the “StreamLitUI.py” file is saved and enter **cmd** in the path which opens the command prompt , now type “**code .**” which open the “StreamLitUI.py” file

* Now copy the ngrok tunnel URL and paste it in the URL prompt of Streamlit code
* Next Run the code and then give “ **streamlit run StreamLitUI.py**”
* This opens the StreamLit UI in the web browser.
* Now, give the questions in the prompt box and click “Analyse using LLM” which generates the responses.