README
Chaabi Assignment

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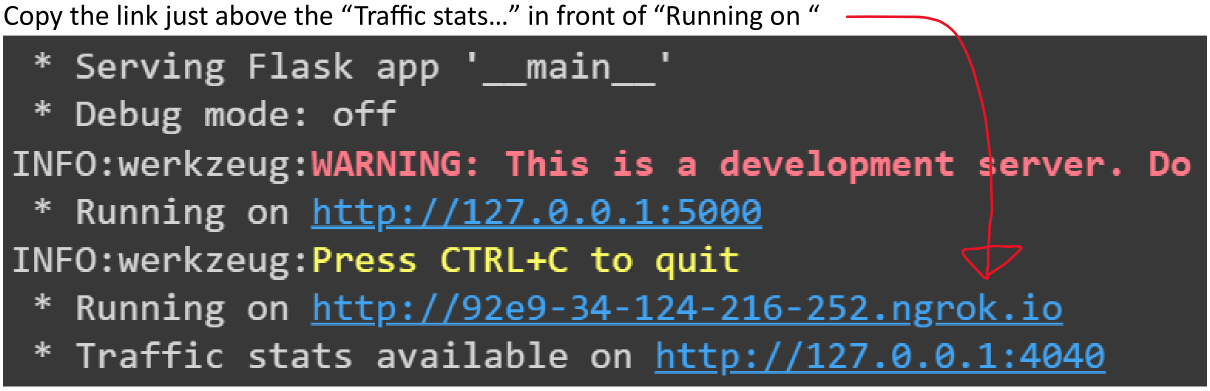
Introduction

For the assignment, I am using an Open Source LLM called "Mistral" it has 7B parameters, is fully open source, and performs at-par with Llama-2 13B (model used is 4-bit quantized in 'gguf' format for CPU inference). VectorDB used in the project is ChromaDB with Langchain

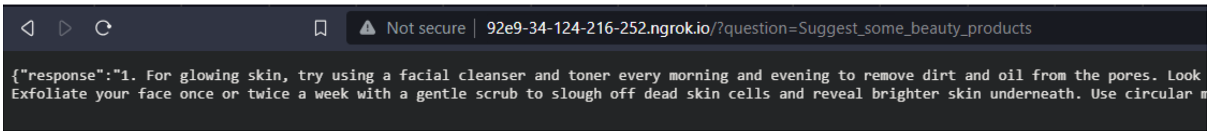
Instructions

1. Import the .ipynb notebook into Google Colab (T4 GPU Runtime)
2. From the 'Runtime' dropdown menu, select 'Run All.'
3. Wait for a few minutes till the last cell is running properly
4. Copy the link just above the "Traffic stats…" in front of "Running on "



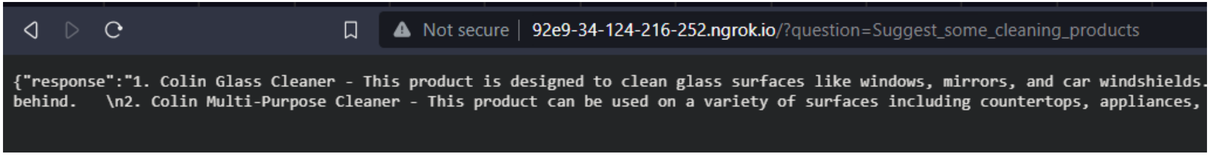
```
 * Serving Flask app '__main__'
 * Debug mode: off
INFO:werkzeug:WARNING: This is a development server. Do
 * Running on http://127.0.0.1:5000
INFO:werkzeug:Press CTRL+C to quit
 * Running on http://92e9-34-124-216-252.ngrok.io
 * Traffic stats available on http://127.0.0.1:4040
```

5. Paste the link in the browser, put a '/' at the end if not already there, then a '?question=' and your query with '_' as spaces, press enter, and wait for a minute for the results, here are some samples:



```
92e9-34-124-216-252.ngrok.io/?question=Suggest_some_beauty_products

{"response":"1. For glowing skin, try using a facial cleanser and toner every morning and evening to remove dirt and oil from the pores. Look
Exfoliate your face once or twice a week with a gentle scrub to slough off dead skin cells and reveal brighter skin underneath. Use circular
```



```
92e9-34-124-216-252.ngrok.io/?question=Suggest_some_cleaning_products

{"response":"1. Colin Glass Cleaner - This product is designed to clean glass surfaces like windows, mirrors, and car windshields.
behind.   \n2. Colin Multi-Purpose Cleaner - This product can be used on a variety of surfaces including countertops, appliances,
```