**Problem Statement:**

1. Create tables in the SQL database using the provided data.

2. Create a Natural Language to SQL bot using open source LLMs like CodeLlama/Llama2/Mixtral/any other (You can use Google Colab for building the bot) to query the SQL Database created above

3. Pass the schema as a file to the RAG architecture instead of passing it in the prompt   
4. Run the below 4 queries:

1. What is the number of cars with more than 4 cylinders?
2. For each continent, how many countries are there?
3. Which countries in Europe have atleast 3 car manufacturers?
4. What is the average justice score in the countries where English is not the official language?

**Expected Output:**  
1. Colab file containing chatbot code and output.

**Breakdown:**

1. Create sql database (i. Using excel-sql commands or ii. 3rd party tools)
2. Create schema file (step-3)
3. Search compatible LLM (download the model)
4. Implement the model (create chatbot)