SQL for Data Science
Mid-Project

In this project, you are assigned to do some analysis by providing desired results according to the questions.

You are going to work with **Car_sales.csv** file which you can find it in this Google Drive link
https://drive.google.com/file/d/1x7XEieQJwJt80PjttIF95Up15oWQLYDQ/view?usp=sharing
Each numbered item is 25 points.

Method:
• You are going to provide your SQL queries in a written format in a docs like file for each question.

• You can use either MySQL or BigQuery to try your queries before summiting your answers.

Assumptions:
• If you are using BigQuery, you can define your own project name for this dataset.

• Regardless of BigQuery or MySQL, please name your dataset as "**car_info**".

• Please name your table as "**car_sales**"

Project:
In this project, assume that you are working in a car dealership in a data person position. You need to query your dataset to provide your marketing team with an analysis. Please share your queries for each item below.

1. What is the average horsepower **(as avg_horsepwr_per_manufacturer)** of each Manufacturer that has engine size not null, and Wheelbase is bigger than 110 and Fuel efficiency is between 16 and 27?

2. Which model is the "most highest **one**" in terms of the Price in thousands that has letter "e" in the second position in its model name and not ends with letter "y"? (Hint: The answer should be only 1 model name)

3. Which distinct models, in the car_sales table, have Width more than average Width of all models, Length more than average Length of all models and Curb weight less than average Curb weight of all models? (Hint: You need to use WITH clauses)

4. What is the total Sales in thousand of each Manufacturer of each model **(as total_sales)** where manufacturer name begins with the letter "C" or ends with letter "I", and model is not one of these (Town & Country, Montero Sport, Catera)?