

Create Update Report

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SECTION J

The final version of this document should contain no more than 600 total words to ensure our mentors have time to read all of them.

1. Description of the dataset you're using.
 - a. I am using the Car Information dataset. It is a basic dataset including name, miles per gallon, number of cylinders, displacement, horsepower, weight, acceleration, model year, and country of origin for a variety of vehicles.
2. What data question are you trying to answer?
 - a. I want the data to connect the correlation of number of cylinders to the fuel economy of a vehicle. The data can do this by performing a correlation analysis to determine this relationship. I can then create a few different visualizations to paint a clear picture of what this correlation is and communicate it in an effective manner.
3. Describe your progress and development process so far.
 - a. So far I have written the code to calculate and plot a correlation between number of cylinders and fuel economy. I had difficulty finding the most efficient way to accomplish this. I still need to write the code to import the csv file locally and properly read the correct data.
 - b. I wrote pseudocode for the general structure of the program and it helped greatly in structuring and organizing my code.
4. Describe your plan to finish the project within the next 9 days.
 - a. I will finish writing the code to import the file, I will then debug to ensure my plot is correctly showing.