**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.
   1. 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?
   1. 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 pain a clear picture of what this correlation is and communicate it in an effective manner.
3. Describe your progress and development process so far.
   1. 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.
   2. 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.
   1. I will finish writing the code to import the file, I will then debug to ensure my plot is correctly showing.