When your assignment is complete, please answer the questions in this text file and upload it to I-Learn.

1. If you did not include your source code in your I-Learn submission, please provide the URL of your public GitHub repository.

2. What was the most difficult part of this assignment?

* The most difficult part of this assignment was trying to figure out easier ways to solve the problems within the dataset.

3. Briefly describe your process for handling non-numeric data.

* When I encountered non numeric data I changed them into numeric data that made sense (ex if I needed a high, medium, and low I gave them the numbers 1, 2, and 3 respectively). If the data was not numeric and it didn’t make sense when assigned a numeric values I assigned them to a category and then made them a factor that was incremental.

4. Briefly describe your process for missing data.

* When I came across missing data I took the column average and replaced the data point.

5. Describe your results for the Car Evaluation dataset.

* When I used the sklearn KNeighborsClassifier for this data set I got an accuracy of 100%

6. Describe your results for the Automobile MPG dataset.

* When I used the sklearn KNeighborsRegressorfor this data set I got an accuracy anywhere from 84-95%

7. Describe your results for the Student Performance dataset.

* When I used the sklearn KNeighborsRegressorfor this data set I got an accuracy anywhere from 85-93%

8. Describe anything you did to go above and beyond the minimum standard requirements.

* To go above and beyond I got cross validation scores for each data set and found the accuracy. I also randomized the data which shuffled the dataframe in-place and reset the index, after the randomization I normalized the data.

9. Please select the category you feel best describes your assignment:

1 - Some attempt was made

2 - Developing, but significantly deficient

3 - Slightly deficient, but still mostly adequate

4 - Meets requirements

5 - Shows creativity and excels above and beyond requirements

10. Provide a brief justification (1-2 sentences) for selecting that category.

* I selected this category because I looked into how to do cross validation a lot more and I got the accuracy of each data set that was cross validated. I also randomized and normalized the data.