Analyzing the NYC Subway Dataset Short Answer Rubric

Overview

This rubric is here to help you understand the expectations for how your project will be evaluated. It is the same rubric that the person evaluating your project will use. You should look at the rubric **before you begin working** on this project **and before you submit it**.

Minimum Requirements

Your submission will not meet specifications if you do not answer all of the short questions.

How Grading Works:

- Your answers to the following short questions will be evaluated against the answer rubric
- Your grade will simply be "pass" or "doesn't pass."
    - You earn a "pass" by not having **any** criteria items in the "does not meet specifications" column.
    - If any criteria item "does not meet specifications," you will not pass. However, you will be able to make changes and re-submit.

The Rubric

Criteria	Does Not Meet Specifications	Meets Specifications
Communication		

Writing is appropriate for the intended audience (Intro DS Classmates).	Analysis done using methods learned in the course is poorly explained and would not be understandable to a student who has completed the class.	Analysis done using methods learned in the course is explained in a way that would be understandable to a student who has completed the class.
## Accuracy and Correctness		
Conclusions are correct.	Some of the conclusions drawn are incorrect.	No incorrect conclusions are drawn from the data.
## Quality of Visualizations		
Plots shows relationships between two more or variables	Plots do not depict relationship between two or more variables	Plots depict relationships between two or more variables
Plot type (bar plot, line plot, scatter plots, histograms, etc...) is appropriate for the analysis.	Not all plots are of the appropriate type.	All plots are of the appropriate type
Plots are easy to read.	Some plots are not appropriately labeled and titled or visual cues are not always easy to distinguish.	All plots are appropriately labeled and titled. Plot is given an appropriate title. X-axis and y-axis are appropriately labeled. Visual cues (colors, size, etc) are easy to distinguish.
## Quality of Analysis		
Conclusions are justified with data.	Some conclusions are not justified with data.	All conclusions are justified with data.
Choice of statistical tests and linear regression models are appropriate	The choice of statistical test type, features, and linear regression models are sometimes not appropriate based on the characteristics of the data.	When using statistical tests and linear regression models, the choice of test type and features are always well justified based on the characteristics of the data.
Statistical tests and	Statistical tests or linear regression	Statistical tests and linear regression

linear regression models are described and justified appropriately.	models are not described thoroughly, or the reasons for choosing them are not clearly articulated.	models are described thoroughly, and the reasons for choosing them are articulated clearly.
Potential shortcomings of the analysis are addressed.	Shortcomings of the statistical tests or regression techniques used are not appropriately acknowledged.	Some shortcomings of the statistical tests or regression techniques used are appropriately acknowledged.