Project 1 Evaluation **Total SCORE: _____67_ / 90**

Project author: ____btp150030_____ Project reviewer: _____aml140830_____

Data Exploration (40 points)

Note: *Deduct points for trivial data sets (<1000 rows).*

- Data Set 1
  - ___5__ (0-5 points) Columns were described; a reasonable target column was identified; data cleaning (if needed) was described; a link to find the data was provided.
  - __5___ (0-5 points) At least 5 R functions were used for data exploration.
  - __5___ (0-10 points) At least 2 meaningful graphs were included. Graphs should have labels and be easy to interpret.
- Data Set 2
  - ___4__ (0-5 points) Columns were described; a reasonable target column was identified; data cleaning (if needed) was described; a link to find the data was provided.
  - ___5__ (0-5 points) At least 5 R functions were used for data exploration.
  - __10___ (0-10 points) At least 2 meaningful graphs were included. Graphs should have labels and be easy to interpret.

ML Algorithms and Evaluation (40 points)

- Data Set 1
  - ___5__ (0-5 points) Meaningful metrics were chosen for the algorithms.
  - __10___ (0-10 points) Two appropriate algorithms were run on the data set.
  - __0___ (0-5 points) Analysis of algorithms and why one might have outperformed others.
- Data Set 2
  - ___5__ (0-5 points) Meaningful metrics were chosen for the algorithms.
  - __10___ (0-10 points) Two appropriate algorithms were run on the data set.
  - __0___ (0-5 points) Analysis of algorithms and why one might have outperformed others.

Project Depth (10 points) {Projects should get lower points for trivial data sets.}

- ___3__ (0-3 points) This project did not meet or minimally met requirements.
- _____ (4-7 points) Project met requirements and a little more.
- _____ (8-10 points) Project went well beyond the requirements.

Justification and Comments regarding Project Depth: (you must justify the Project Depth score)

Both data sets were missing the analysis portion of the assignment. I think the metrics were well chosen, the graphs were good for the most part (part 1 was missing a 1 of the 2 required graphs) and the algorithms were correct. So, this project met most of everything that was required. Missing the analysis was a big part of concluding the project though. Without a conclusion, the project drops from machine learning to sending data into functions. The analysis is key