

**Project 1 Evaluation****Total SCORE: \_\_\_\_\_ 90\_ / 90**

Project author: \_\_\_\_\_mps160530\_\_\_\_\_ 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.
  - \_\_\_\_10\_\_ (0-10 points) At least 2 meaningful graphs were included. Graphs should have labels and be easy to interpret.
- **Data Set 2**
  - \_\_\_\_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.
  - \_\_\_\_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.
  - \_\_\_\_5\_\_ (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.
  - \_\_\_\_5\_\_ (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.}

- \_\_\_\_ (0-3 points) This project did not meet or minimally met requirements.
- \_\_\_\_ (4-7 points) Project met requirements and a little more.
- \_\_\_\_10\_\_ (8-10 points) Project went well beyond the requirements.

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

This project was extremely well done. There was much more included beyond the minimum requirements. The columns were clear, the graphs were easy to understand and there were plenty of them. The comments and whitespace were neat and the flow was excellent. Give this project an A+.

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