**Data Science Capstone Project 1**

**Capstone Project :** In-depth Analysis (Machine Learning)

**Learning Objective**

* Practice identifying which supervised and unsupervised learning techniques are best suited for your Capstone Project data.
* Utilize supervised and unsupervised learning techniques to build predictive models.

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| **Criteria** | **Meets Expectations** |
| Completion | * A 2-3 page report on the steps and findings from machine learning in-depth analysis, uploaded to GitHub. |
| Process and understanding | * The submission shows that the student applied appropriate techniques to build predictive models. * The submission shows that the student applied steps to build predictive models for the data in their capstone project. * The submission shows that a hypothesis was developed. * The submission includes a justification of the machine learning technique, and features selection and evaluation  metrics/techniques utilized. |
| Presentation | * The submission is complete and uploaded in full. |

*Excellence: The submission demonstrates use of innovative ways to visualize data and uses algorithms not covered in the course with good justification and understanding, or applied existing algorithms in an innovative way, perhaps with really clever feature design.*

For reference, review how this interim project fits into the [Overall Capstone Project 1 Rubric](https://docs.google.com/document/d/1cCoZ7R0bRL3p5I9o7XUNVtpSf47Jlsp_yiY3wlNLM8Y/edit#).