

Data Science Course: Capstone Project 1

Capstone Mini-Project: Data Wrangling

Learning Objective

- Collect data.
- Clean the dataset and address issues like missing values and outliers.
- Apply data wrangling techniques, including standard datasets and sources.

Criteria	Meets Expectations
Completion	<ul style="list-style-type: none"><input type="checkbox"/> All data wrangling steps utilized are described<input type="checkbox"/> Data and code is uploaded to Github (where applicable)
Process and understanding	<ul style="list-style-type: none"><input type="checkbox"/> The submission shows that the student understands how to acquire, wrangle and clean data<input type="checkbox"/> The submission includes data sets that were well-chosen and relevant to the problem<input type="checkbox"/> The submission demonstrates that the student made well-thought out decisions on how to work missing values and outliers as needed
Presentation	<ul style="list-style-type: none"><input type="checkbox"/> 1-2 page, commentable google doc. is added to the Capstone project 1 folder<input type="checkbox"/> The submission is complete and uploaded in full

Excellence: The student collected data from multiple disparate sources (APIs, CSVs) and extracted the relevant data, enhancing the quality of the results.

For reference, review how this interim project fits into the [Overall Capstone Project 1 Rubric](#).

