

Data Science Course: Capstone Project 1

Capstone Project : Exploratory Data Analysis - Inferential Statistics

Learning Objective

- Identify variables in the data to answer to a project question.
- Identify strong correlations between pairs of independent variables or between an independent and a dependent variable.
- Practice identifying the most appropriate tests to use to analyse relationships between variables.

Criteria	Meets Expectations
Completion	<input type="checkbox"/> A 1-2 page report on the steps and findings from inferential statistical analysis, uploaded to GitHub.
Process and understanding	<input type="checkbox"/> The submission shows that the student applied applied inferential statistics techniques to the data for their capstone project.
Presentation	<input type="checkbox"/> The submission is complete and uploaded in full.

Excellence: The student has refined their original questions if needed as they get deeper into their data, finding patterns and new answers.

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