

Project 2

Rubric

Name:

Category	# Points Earned
Proposal	15
Degree of Difficulty	15
Execution	25
Code Quality	15
Website	15
Analysis	15
TOTAL	100

Proposal (15 points)

- _____ (7 points) Project description
- _____ (7 points) Skeleton code
- _____ (1 point) Skeleton code compiles
- _____ Total

Degree of Difficulty (15 points)

Degree of Difficulty is based on the amount of *new* code required to complete the project.

- _____ Total

Execution (25 points)

A *bug* is a problem with the code, whereas an *error* might be an issue with the data or the user inputs.

- _____ 25 points to start.
- _____ (\times -1 point) Bugs in the code.
- _____ (\times -1 point) Errors are not handled (either the program returns a wrong value or dies with an error).
- _____ Total (≥ 0 points)

Code Quality (15 points)

- _____ (5 points) Variable and function names are descriptive.
- _____ (5 points) Good use of comments
- _____ (5 points) Other
- _____ Total

Website (15 points)

- _____ (3 points) The “front page” has a concise statement of the problem and the hypothesis.
- _____ (2 points) The data source is stated and referenced appropriately.
- _____ (3 points) There is a concise description of the methods.
- _____ (3 points) The results are presented in a useful way (as a table, as a plot, as a screenshot, etc.).
- _____ (2 points) Python files and (small) data files are available for download.
- _____ (4 points) Other (no spelling mistakes, no dead hyperlinks, etc)
- _____ Total

Analysis (15 points)

- _____ (5 points) There is a discussion of the findings. Expected and unexpected trends results are addressed.
- _____ (5 points) Data formatting and unexpected errors in the data are discussed.
- _____ (5 points) There is a reflection on the project. Limitations and future steps are addressed.
- _____ Total