Project 3

Start Assignment

* **Due** Apr 20 by 11:59pm

* **Points** 100

* **Submitting** a text entry box or a website url

**Requirements**

**Data and Delivery (25 points)**

* Data components used in the project are clearly documented. (5 points)
* The dataset contains at least 100 unique records. (5 points)
* A database is used to house the data (SQL, MongoDB, SQLite, etc.). (5 points)
* The project is powered by a Python Flask API and includes HTML/CSS, JavaScript, and the chosen database. (10 points)

**Back End (25 points)**

* The page created to showcase data visualizations runs without error. (7.5 points)
* A JavaScript library not shown in class is used in the project. (7.5 points)
* The project conforms to one of the following designs: (10 points)
  + A Leaflet or Plotly chart built from data gathered through web scraping.
  + A dashboard page with multiple charts that all reference the same data.

**Visualizations (25 points)**

* A minimum of three unique views present the data. (5 points)
* Multiple user-driven interactions (such as dropdowns, filters, or a zoom feature) are included on the final page. (5 points)
* The final page displays visualizations in a clear, digestable manner. (5 points)
* The data story is easy to interpret for users of all levels. (10 points)

**Group Presentation (25 points)**

* All group members speak during the presentation. (5 points)
* The content is relevant to the project. (5 points)
* The presentation maintains audience interest. (5 points)
* Content, transitions, and conclusions flow smoothly within any time restrictions. (10 points)

**Grading**

This assignment will be evaluated against the requirements and assigned a grade according to the following table:

| **Grade** | **Points** |
| --- | --- |
| A (+/-) | 90+ |
| B (+/-) | 80–89 |
| C (+/-) | 70–79 |
| D (+/-) | 60–69 |
| F (+/-) | < 60 |

**Submission**

To submit your project, click Submit, and then provide the URL of your GitHub repository for grading.

**NOTE**

Projects are requirements for graduation. While you are allowed to miss up to two Challenge assignments and still earn your certificate, projects cannot be missed.

[Previous](https://courses.bootcampspot.com/courses/2777/modules/items/868007)[Next](https://courses.bootcampspot.com/courses/2777/modules/items/868020)

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