The Final Push

Final Project Requirements

Do What Your Heart Commands

Suggested Final Project: Demystifying ML

01 Find a problem worth solving, analyzing, or visualizing.

02 Use ML in the context of technologies learned.

03 You must use: Scikit-Learn and/or another machine learning library.

04 You must use at least two of the below:

Python Pandas | HTML/CSS/Bootstrap | JavaScript Leaflet | Google Cloud SQL
Python Matplotlib | JavaScript Plotly | SQL Database | Amazon AWS
 | JavaScript D3.js | MongoDB Database | Tableau

Suggested Final Project: Demystifying ML

05 Prepare a 15-minute data deep-dive or infrastructure walkthrough that shows machine learning in the context of what we've already learned.

06 Example projects:

- Create a front-end interface that maps to an API to "smarten" the algorithm.

- Perform a deep dive of existing data using machine learning.

- Create a visualization that continues to learn where clusters lie based on ML.
(Use D3 or Plotly to change the visualization.)

- Create an idea with mock data that simulates how machine learning might be used.

- Create an analysis of existing data to make a prediction, classification, or regression.

The key is to **show** the value of what you know.

Final Project

Forming Teams:

You can choose your team.

Teams should have 2−6 people.

Work with students from your class only.

Tell us if you want to be placed on a team.

Questions?