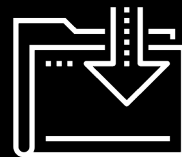




Project Requirements

Data Boot Camp
Lesson 8.2



Project Week: Just 2 days to go!

Project Week (Last Week)!

Day 1 (Jan 4 th)	Form groups.
	Outline project ideas.
	Perform an initial data exploration.
	Begin research of datasets.
	Submit a project proposal for approval.
Day 2 (Jan 8 th)	Develop your project with your team.
Day 3 (Jan 9 th)	Develop your project with your team.

Project Week (Next Week)!

Day 4 (Jan 11th)	Project Development
Day 5 TODAY (Jan 16th)	<ul style="list-style-type: none">- Develop and finish/polish your project with your team- Prepare your presentation (2nd half).
Day 6 THURSDAY (Jan 18th)	Present your project to the class.

Project Requirements

Presentation Requirements

You will prepare a formal 10-minute presentation that covers the following topics:



Questions that you found exciting and what motivated you to answer them



Where and how you found the data you used to answer these questions



The data exploration and cleanup process (accompanied by your Jupyter notebook)



The analysis process (accompanied by your Jupyter notebook)



Your conclusions, including a numerical summary and visualizations of the summary



The implications of your findings: what do your findings mean?

Development Requirements

Instructions

Use Pandas to clean and format your dataset or datasets.

Create a Jupyter notebook **describing the data exploration and cleanup** process.

Create a Jupyter notebook **illustrating the final data analysis**.

Use Matplotlib to create 6 to 8 visualizations of your data (ideally, at least 2 visualizations per “question” that you ask your data).

Save PNG images of your visualizations to distribute to the class and instructional team—and for inclusion in your presentation.

Create a write-up summarizing your major findings. This should include a heading for each “question” that you asked your data as well as a short description of your findings and any relevant plots.

Bonus

Use at least one API—if you can find one with data pertinent to your primary research questions.