

Final Project

Why are we doing this?

- Prepare you for the kind of research needed in academia and in the industry.
- Give you practice for Python, SQL, and the tools we've learned, like git, GitHub, and bash.
- Give you experience in managing your own project, and collaborating with another person.
- Provide you with something to point to when applying for internships and job opportunities.

Problem Overview

Yellow Cabs x Ubers x Weather

Using hired-ride trip data from Uber and NYC Yellow cab from January 2009 through June 2015, and joining with local historical weather data, you will be providing a single Jupyter notebook and SQL queries to answer particular questions by downloading and cleaning data, storing the data in a SQLite database, and providing visualizations.

Quick Details

Refer to the full project assignment for complete details & links

- Project will be done in pairs – pick your partner by **EOD Friday November 4th**, or I will assign you one. See the spreadsheet in the [GDoc](#).
- Project is due **EOD Sunday December 11th**. No late submissions.
- Earn 5% extra credit for turning in a week early.
- Anticipate spending 2 – 3 times longer than the weekly homework (we'll have a lighter homework load towards the end of the semester).
- A project template notebook will be provided but is 100% optional to use.

Heads Up

- Very carefully read through the whole project description. There are a *lot* of details!
- Review the grading rubric as you're completing the project to make sure you've addressed everything.
- Most likely, you will spend most of your time on Part 1 of the project.
- Many parts of the project contain topics we will learn in future modules. Plan your time accordingly.