

Project:
Implement a Matrix Class

Project Instructions

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Knowledge

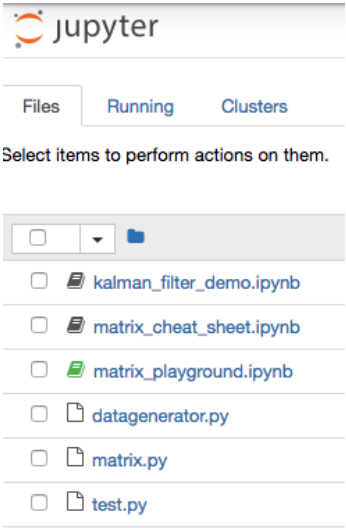
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Student Hub

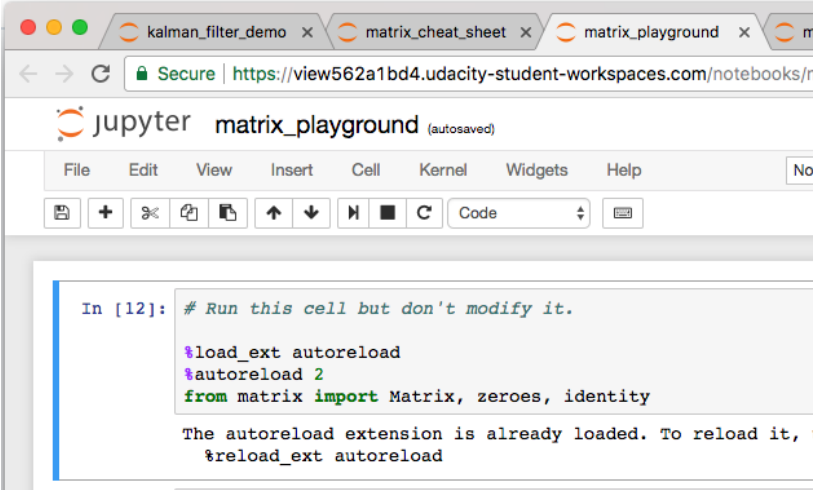
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Project Instructions

Your project workspace will contain several files. On the next page, you will see



We recommend that you open all of these files (except for two noted below) in your browser. It should look something like this:



You can *ignore* `datagenerator.py` and `test.py`, which you won't need to modify

- 1. `matrix.py` - This contains the beginnings of a `Matrix` class (which you will complete) and some helper functions `zeroes` and `identity`. **This is the file you will be working in.**
- 2. `matrix_playground.ipynb` - A Jupyter notebook that imports your `Matrix` class and tests it. You may find it useful to use this notebook as a place to **use** the `Matrix` methods in `matrix.py`.
- 3. `matrix_cheat_sheet.ipynb` - A Jupyter notebook with a **glossary, explanation** and list of **matrix equations**. Use this as a reference when filling out the `Matrix` class!
- 4. `kalman_filter_demo.ipynb` - You don't need to do anything with this notebook. Once your `Matrix` class is working properly, the KF implementation will actually work!

Other Files (feel free to ignore).