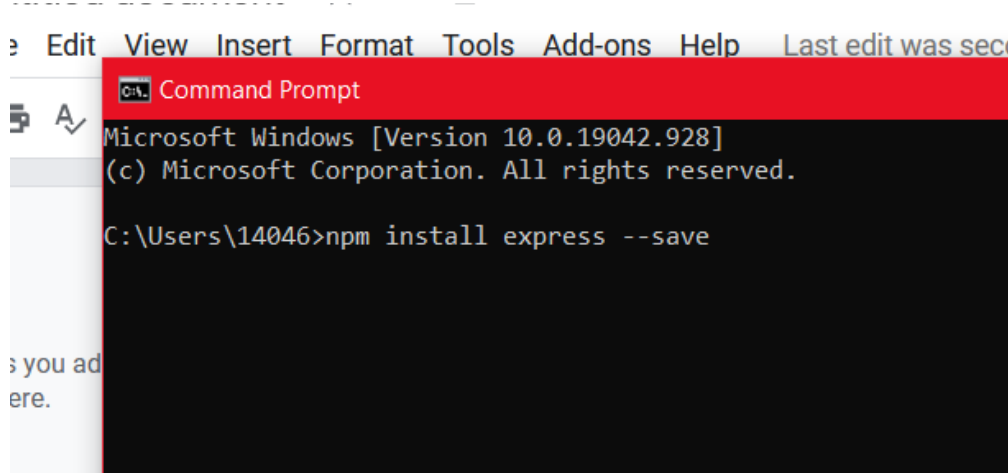


Installation and running instructions

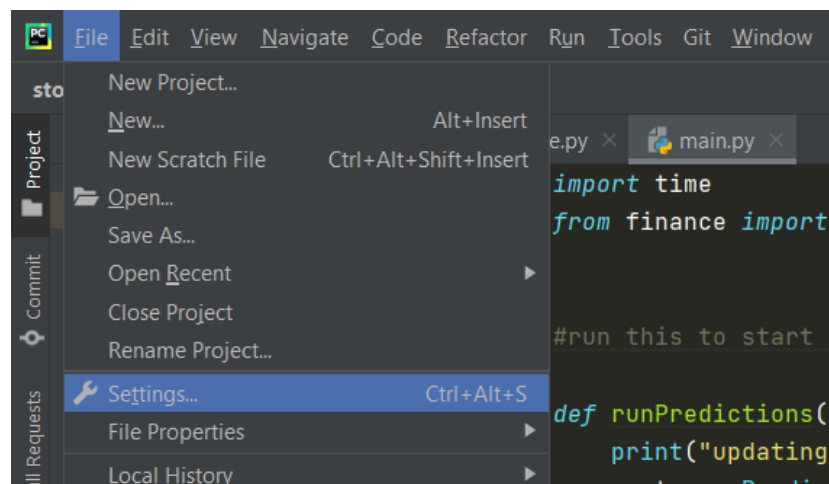
Installations needed

1. Nodejs <https://nodejs.org/en/download/> install this first for the website/ server communication
2. Express
 - a. Once you have nodejs open cmd and type `npm install express --save`

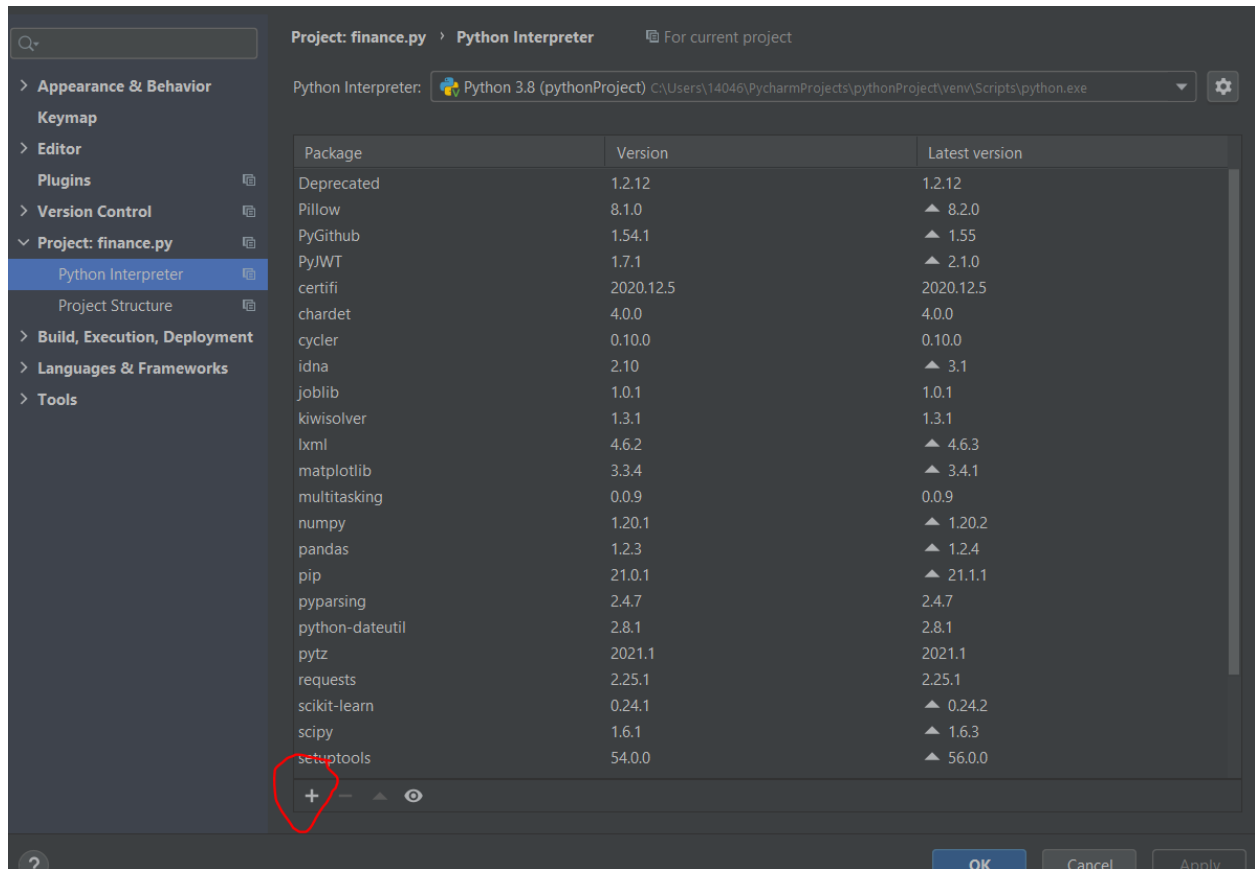


Python (3.8)

1. Using pycharm to run the AI
 - a. Open File > Settings > **Project** from the **PyCharm** menu.



- b. Select your current **project**.
- c. Click the Python Interpreter tab within your **project** tab.
- d. Click the small + symbol to **add** a new **library** to the **project**.



From here you will need the following

- yfinance
- pandas
- scikit-learn
- numpy
- matplotlib

Alternative method would be to run these commands for installation of each try it if it doesn't work

```

pip install -U scikit-learn
pip install pandas
pip install yfinance
pip install numpy
pip install -U matplotlib

```

Running the project!

1. To start the AI that the server communicates with, run main.py

2. Using node, navigate down to the project file and run app.js.

```
C:\Users\14046\Documents\GitHub>cd stock-market-ai
C:\Users\14046\Documents\GitHub\stock-market-ai>node app.js
(3) server is listening on 8080
```

After you see this go to <http://localhost:8080/> on the browser (Preferably FireFox? But anything besides IE should be fine)

Give the graphs about 5-10 seconds to load the first time.