

SET UP

Just like in the last task, you need to get your local development environment up and running. Given that you completed task 1, you should already have python installed and be familiar with git.

1. First, fork and clone the project repo: (Folder available in Task Resources folder)

- Create a new virtual environment in the project root. Pycharm can do this automatically for you using the “configure python interpreter” option in settings.
- Install all project python dependencies. These are listed in the requirements.txt file.

2. In this task, we will be working with javascript in addition to python. Javascript has a handy package manager called npm, which handles package tracking, discovery, installation, and removal. We will be using it to install a series of javascript dependencies to your machine. If you already have access to npm on your system, you can skip this step. Otherwise, you will need to acquire it by following the instructions here (npm comes bundled with nodejs):

<https://nodejs.dev/en/learn/how-to-install-nodejs/>

- For this project to work, you must have node 18.10.0 installed on your machine. Ensure you have the correct version by running “node -v” in your terminal. If you do not, consider using nvm (<https://github.com/nvm-sh/nvm>) to install the correct version for you.

3. Install the necessary dependencies by running `npm install` from the project repo

4. Start the python server by running server3.py from the project repo like so: **python datafeed/server3.py** (note it's important you run it from the root of the project repo)

5. Start the client by running `npm start` from the project repo

ADDITIONAL RESOURCES

1. How to Install Node.js - <https://nodejs.dev/en/learn/how-to-install-nodejs/>

2. JPMorgan Chase's Perspective - <https://jpmorganchase.github.io/perspective/>

3. GitHub Page for Perspective - <https://github.com/jpmorganchase/perspective/>