Getting Started

Installing Intellij and Jupyter Notebook

For more information on what Jupyter Notebook is, please view: https://jupyter.org/
The same with IntelliJ IDEA: https://www.jetbrains.com/idea/

Please note, IntelliJ IDEA has a fantastic 'code with me' functionality which makes tutoring sessions easier as it allows me to see what your are seeing and help directly.

Installing IntelliJ IDEA on Windows

1. Go to the IntelliJ IDEA download page: https://www.jetbrains.com/idea/download/
2. Click on the "Download" button for the Community Edition (it's free).
3. Wait for the download to complete.
4. Double-click on the downloaded file to start the installation process.
5. Follow the on-screen instructions to install IntelliJ IDEA.
6. Once the installation is complete, launch IntelliJ IDEA and start coding!

Installing IntelliJ IDEA on macOS

1. Go to the IntelliJ IDEA download page: https://www.jetbrains.com/idea/download/
2. Click on the "Download" button for the Community Edition (it's free).
3. Wait for the download to complete.
4. Open the downloaded DMG file.
5. Drag the IntelliJ IDEA icon to the Applications folder.
6. Launch IntelliJ IDEA from the Applications folder.
7. When prompted, allow IntelliJ IDEA to access your system.
8. Once the installation is complete, launch IntelliJ IDEA and start coding!

Installing IntelliJ IDEA on Linux

1. Go to the IntelliJ IDEA download page: https://www.jetbrains.com/idea/download/
2. Click on the "Download" button for the Community Edition (it's free).
3. Wait for the download to complete.
4. Open a terminal window and navigate to the directory where you downloaded the IntelliJ IDEA file.
5. Extract the contents of the archive using the following command:

```
tar xfz <filename>.tar.gz
```

Note: Replace `<filename>` with the name of the downloaded file.
6. Once the extraction is complete, navigate to the `bin` directory within the extracted directory.
7. Run the `idea.sh` script using the following command:

```
./idea.sh
```

This will launch IntelliJ IDEA
8. Once the installation is complete, launch IntelliJ IDEA and start coding!

Installing Jupyter Notebooks on Windows and macOS

1. Open a command prompt or terminal window.

2. Type the following command and press Enter:

```
pip install jupyter
```

Note: If you don't have pip installed, you can download and install it from here:
https://pip.pypa.io/en/stable/installation/
3. Wait for the installation to complete.
4. To start Jupyter Notebooks, open a command prompt or terminal window and type the following command:

```
jupyter notebook
```

This will launch Jupyter Notebooks in your default web browser.
5. To create a new notebook, click on the "New" button and select "Python 3" (or any other kernel you prefer).
6. You can now start coding in the Jupyter Notebook environment.

Installing Jupyter Notenooks on Linux

1. Open a terminal window.
2. Type the following command and press Enter:

```
sudo apt-get install jupyter-notebook
```

3. Wait for the installation to complete.
4. To start Jupyter Notebooks, open a terminal window and type the following command:

```
jupyter notebook
```

This will launch Jupyter Notebooks in your default web browser.
5. To create a new notebook, click on the "New" button and select "Python 3" (or any other kernel you prefer).
6. You can now start coding in the Jupyter Notebook environment.