Workshop Installation and Setup

OpenDSS

1. Go to <https://sourceforge.net/projects/electricdss/>
2. Click on the green **Download** button
3. Graphical user interface, website

   Description automatically generated
4. Once the installer is downloaded, right click on the .exe file and select **Run as administrator.**
5. If windows asks, click **Run anyway.** It will then ask if you want to install OpenDSS. Select **Yes.**
6. Once installed, check for **OpenDSS** folder or for the program **Shortcut** in start menu.

Graphical user interface, application

Description automatically generated

Python

1. Download the python version 3.9 or greater for windows at [**https://www.python.org/downloads/windows/**](https://www.python.org/downloads/windows/)
2. Go to Downloads and double-click on the **.exe file**.
3. Check box for **Add Python 3.9 to PATH** and click **Install Now**
4. Once successfully installed, click **Close**

Pip

In order to install jupyter notebooks, one will first need to install **pip**.

1. First check if you already have pip installed as this should have installed with python. Open up a command line interface and type the following command: **pip --version**
   1. If the version is displayed, it is installed and you can skip the rest of the steps
2. If you get an error, you will need to download the get-pip.py file from <https://packaging.python.org/en/latest/tutorials/installing-packages/>
3. Open up the command line interface, navigate to the folder where the get-pip.py file is saved, and run the following command: **python get-pip.py**

Jupyter Notebook

1. Once both python and pip are installed, once simply type the following command into the command line interface: **pip install jupyter**

Node

1. Go to <https://nodejs.org/en/> to download and install Node JS.

Graphical user interface, text, application

Description automatically generated