Setting up conda environment with Jupyter Notebook

1. Create a new Conda environment:

Use the following command to create a new Conda environment with Python 3.11. Replace <environment\_name> with the name you want to give to your environment:

conda create --name <environment\_name> python=3.11

For example, if you want to create an environment named myenv with Python 3.11, you can use:

conda create --name myenv python=3.11

1. Activate the Conda environment:

After creating the environment, you need to activate it. Use the following command on Windows:

conda activate <environment\_name>

Use the following command on MacOS and Linux:

source activate <environment\_name>

1. Installing additional packages: Use the ‘conda’ or ‘pip’ command to install the packages.

You can now install additional packages into your Conda environment as needed for your project. For example, to install Streamlit, NumPy, Matplotlib, plotly and Pandas, you can run:

conda install -c anaconda streamlit

conda install -c anaconda network

conda install numpy matplotlib

conda install -c plotly

conda install pandas

1. With your environment activated, install Jupyter Notebook using the following command:

conda install jupyter

1. After installing Jupyter Notebook, you can launch it by running the following command. This command will open the Jupyter Notebook interface in your default web browser:

jupyter notebook

1. Deactivate the environment: When you are done working in your Conda environment, you can deactivate it using the following command:

conda deactivate