Tutorial of running the web app

# Prerequisites

Python installed in your system, recommend using Anaconda or Miniconda and create conda environment. Below are the options to setup your environment.

**Option 1: Using commands to create a conda environment**

1. Create a conda environment called “nmr” (can change to your own) using the commands:

*conda create -n nmr python=3.10 plotly*

1. Activate the environment

*conda activate nmr*

1. Install packages (streamlit and pandas):

*pip install streamlit*

*pip install watchdog*

*conda install pandas*

**Option 2: Using environment.yml to create a conda environment**

1. Create the conda environment from the `environment.yml` file using the command:

*conda env create -f environment.yml*

1. Activate the created environment (name as “nmr” in the .yml file, but you can change it to the name you want).

*conda activate nmr*

**Option 3: Using requirements.txt and pip to install**

1. Install python and pip
2. Install the required packages using pip:

*pip install -r requirements.txt*

# Run the app

It is very simple to run the app once you have installed all the requirements and in the environment that you have setup.

Use the following command to run the app:

*Streamlit run Main.py*

It will create the link that you can open in your browser.

Useful website:

· [Manage conda environment](https://conda.io/projects/conda/en/latest/user-guide/tasks/manage-environments.html)

· [Pip user guide](https://pip.pypa.io/en/stable/user_guide/)