Here's a structured guide for installing Jupyter Notebook on Windows 11 for users with Python 3.12.4 and no GPU, including the dependencies in a YAML file.

Guide to Install Jupyter Notebook on Windows 11

Prerequisites

1. **Install Miniconda or Anaconda**: Ensure you have Miniconda or Anaconda installed on your system. You can download it from [here.](#)

Step-by-Step Instructions

1. **Create a New Conda Environment** Since Jupyter and many libraries are compatible with Python 3.12, you can create a new environment with this version. Open the Command Prompt and run:

   ```
   conda create --name jupyter_env python=3.12
   ```

2. **Activate the Environment** After the environment is created, activate it:

   ```
   conda activate jupyter_env
   ```

3. **Install Jupyter and Dependencies** Once the environment is activated, install Jupyter and the necessary libraries. Run:

   ```
   conda install jupyter numpy pandas matplotlib seaborn scikit-learn scipy pillow tqdm requests
   ```

4. **Launch Jupyter Notebook** After installation, you can launch Jupyter Notebook by running:

   ```
   jupyter notebook
   ```

5. **Verify Installation** In the notebook, you can run the following code to verify that everything is set up correctly:

   ```
   import numpy as np
   ```

```
import pandas as pd
print("Numpy version:", np.__version__)
print("Pandas version:", pd.__version__)
```

Installation Tip

Creating a YAML File for the Environment

For easier setup in the future, you can create a YAML file with all
dependencies. Here's the content for jupyter_environment.yml:

```
name: jupyter_env
channels:
  - conda-forge
dependencies:
  - python=3.12
  - jupyter
  - numpy
  - pandas
  - matplotlib
  - seaborn
  - scikit-learn
  - scipy
  - pillow
  - tqdm
  - requests
```

Create Environment from YAML File (Optional)

If someone wants to set up the environment using the YAML file, they can do
the following:

1. Save the above YAML content as jupyter_environment.yml.
2. Run the following command in the Anaconda Prompt:

   ```
   conda env create -f jupyter_environment.yml
   ```

3. Activate the environment with:

   ```
   conda activate jupyter_env
   ```

Now you are all set to use Jupyter Notebook on Windows 11!