

Setting up Jupyter Notebooks on Windows

A) Jupyter Notebooks in Browser

- Install Python from python.org (check 'Add Python to PATH' during install).
- Optionally create a virtual environment: `python -m venv .venv` and activate with `.venv\Scripts\activate`.
- Install Jupyter: `pip install notebook`.
- Run Jupyter with: `jupyter notebook` → opens in browser at `http://localhost:8888/`.

B) Jupyter Notebooks in VS Code

- Install VS Code from `code.visualstudio.com`.
- Install extensions: Python (Microsoft) and Jupyter (Microsoft).
- Create virtual environment: `python -m venv .venv` and activate it.
- Install Jupyter: `pip install notebook jupyter`.
- Open or create a `.ipynb` file in VS Code, select the correct Python kernel (`.venv`).

C) Jupyter Notebooks in PyCharm

- Install PyCharm (Professional recommended for full Jupyter support).
- Create a new project and configure a Python interpreter (e.g., virtual environment).
- Install Jupyter inside the project: `pip install notebook jupyter`.
- Open or create a `.ipynb` file → PyCharm recognizes it and lets you run cells.