

Step-by-Step Guide to Install Jupyter Notebook on Windows

Recommended Option: Install via Anaconda (simpler and more complete)

Anaconda is a free Python distribution that includes Jupyter Notebook and many other useful tools for data science and programming.

◆ 1. Download Anaconda

- Go to the official website: <https://www.anaconda.com/products/distribution>
 - Click "**Download**" and choose the version for **Windows**.
 - Select the latest version of **Python 3.x**.
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◆ 2. Install Anaconda

- Open the downloaded `.exe` file.
 - Follow the installation steps:
 - Choose "Just Me" (recommended for most users).
 - Keep the default settings.
 - **Important:** If available, check the box "Add Anaconda to my PATH environment variable".
 - Click "**Install**" and wait for the process to finish.
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◆ 3. Launch Jupyter Notebook

After installation:

- Open the **Start Menu**.
- Search for "**Anaconda Navigator**" and open it.
- In Anaconda Navigator, click "**Launch**" under **Jupyter Notebook**.

Jupyter Notebook will open automatically in your default web browser.

Alternative: Install via pip (for students who already have Python installed)

If a student already has Python installed and prefers not to use Anaconda:

◆ 1. Check if Python is installed

- Open the **Command Prompt** (cmd).
- Type: `python --version`
- If a version number appears, Python is installed. If not, download it from <https://www.python.org/downloads/windows/>

◆ 2. Install Jupyter Notebook

In the same terminal, type:

```
pip install notebook
```

◆ 3. Start Jupyter Notebook

After installation, type:

```
jupyter notebook
```

Jupyter Notebook will open in your browser.

Here is a **step-by-step guide** for installing **Jupyter Notebook using winget** on a **Windows system**. This method is fast and ideal for students who are comfortable using the command line.

Install Jupyter Notebook via winget (Windows Package Manager)

◆ 1. Check if winget is available

- Open **Command Prompt** (press Win + R, type cmd, and press Enter).
- Type:

```
winget --version
```

- If a version number appears, `winget` is available.
 - If not, update Windows or install the **App Installer** from the Microsoft Store:
<https://apps.microsoft.com/detail/9nblggh4nns1>
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◆ 2. Install Python

In the Command Prompt, type:

```
winget install Python.Python.3.13
```

This installs the latest stable version of Python 3.13.

◆ 3. Install Jupyter Notebook

Once Python is installed, type:

```
pip install notebook
```

This uses Python's package manager to install Jupyter Notebook.

◆ 4. Launch Jupyter Notebook

After installation, type:

```
jupyter notebook
```

This will open Jupyter Notebook in your default web browser.

Tips for Students

- Create a dedicated folder to store notebooks, e.g.:
`C:\Users\YourName\Documents\PythonProjects`
- Save notebooks with descriptive names, like `exercisel.ipynb`