

Manual

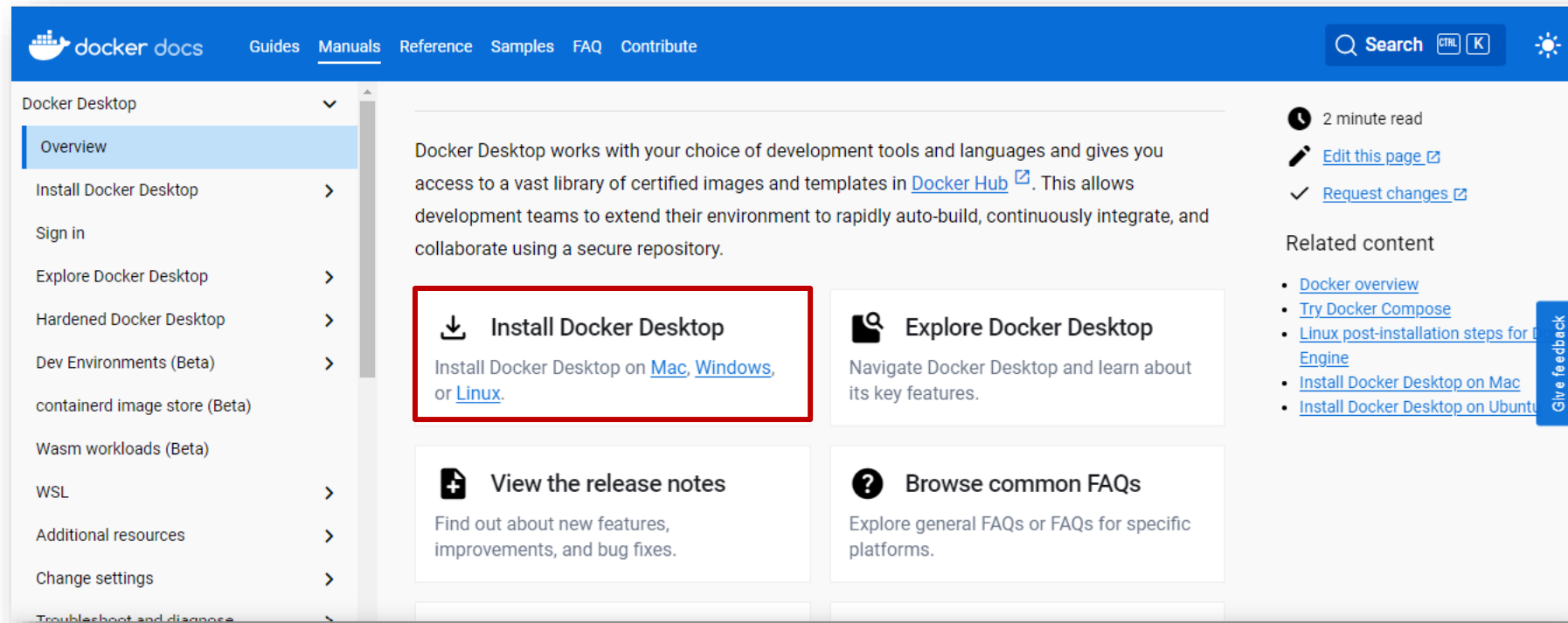
Install Docker Desktop and Jupyter Notebook

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Install Docker Desktop

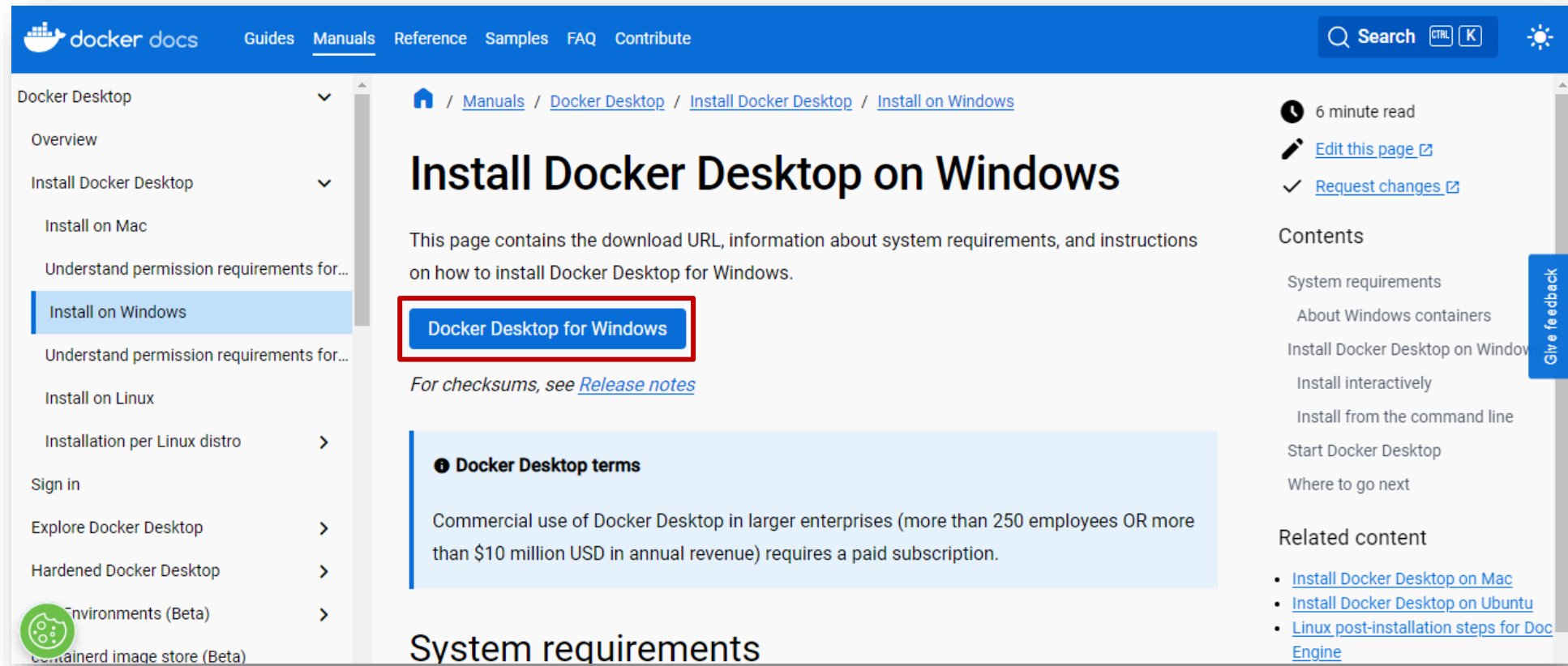
Download and Install Docker Desktop

- <https://docs.docker.com/desktop/>



Select installer based on your OS

Download and Install Docker Desktop



The screenshot shows the Docker Docs website. The top navigation bar includes links for Guides, Manuals, Reference, Samples, FAQ, and Contribute. The left sidebar lists various topics, with 'Install on Windows' highlighted. The main content area features the title 'Install Docker Desktop on Windows' and a description. A red box highlights the 'Docker Desktop for Windows' button in the sidebar. The right sidebar contains metadata (6 minute read), edit links, and a table of contents.

Install Docker Desktop on Windows

This page contains the download URL, information about system requirements, and instructions on how to install Docker Desktop for Windows.

[Docker Desktop for Windows](#)

For checksums, see [Release notes](#)

Docker Desktop terms

Commercial use of Docker Desktop in larger enterprises (more than 250 employees OR more than \$10 million USD in annual revenue) requires a paid subscription.

System requirements

Contents

- System requirements
- About Windows containers
- Install Docker Desktop on Windows
- Install interactively
- Install from the command line
- Start Docker Desktop
- Where to go next

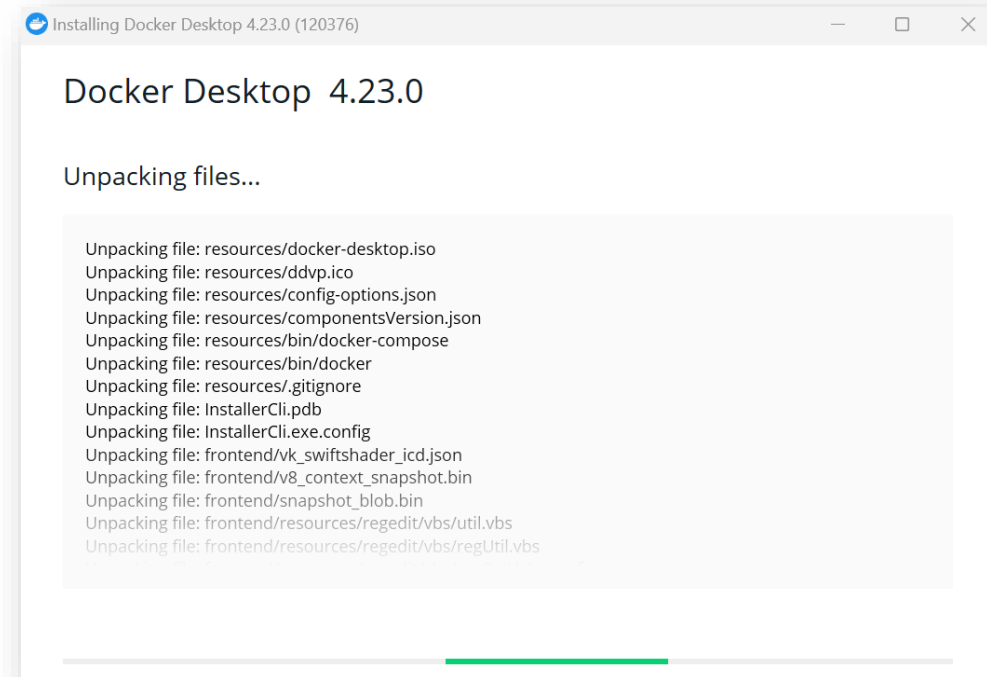
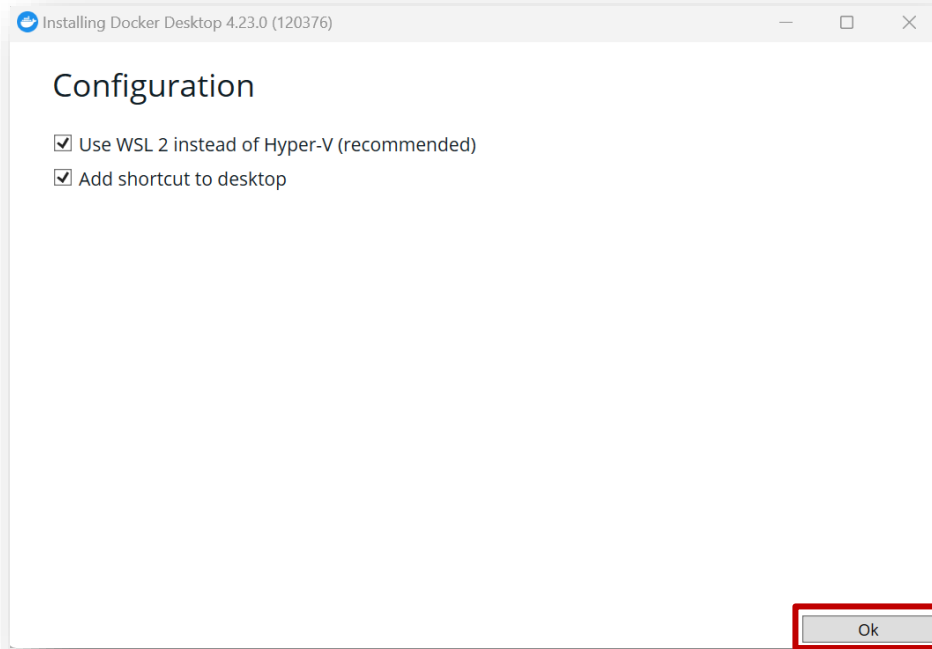
Related content

- [Install Docker Desktop on Mac](#)
- [Install Docker Desktop on Ubuntu](#)
- [Linux post-installation steps for Docker Engine](#)

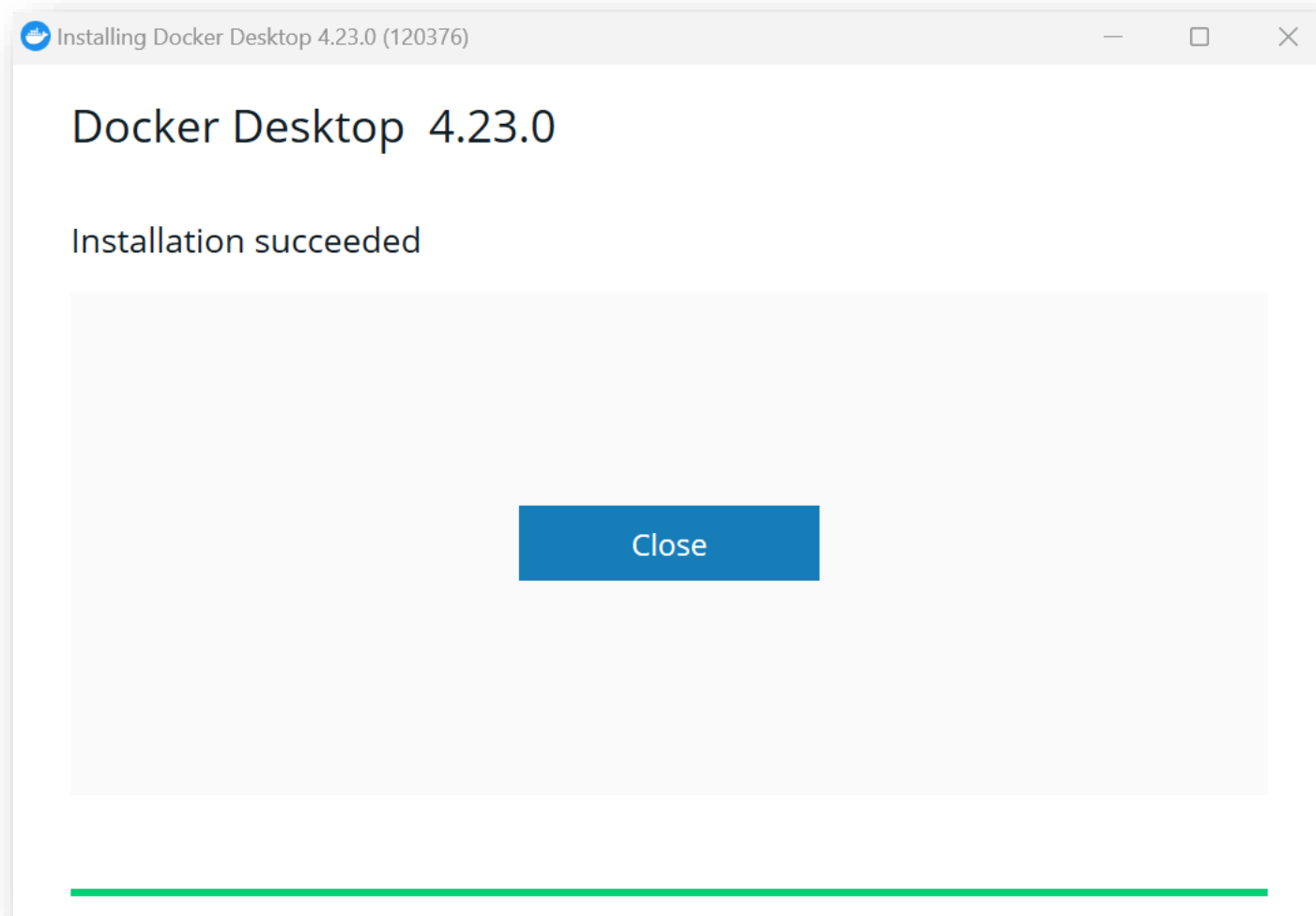


Docker Desktop Installer.exe

Download and Install Docker Desktop



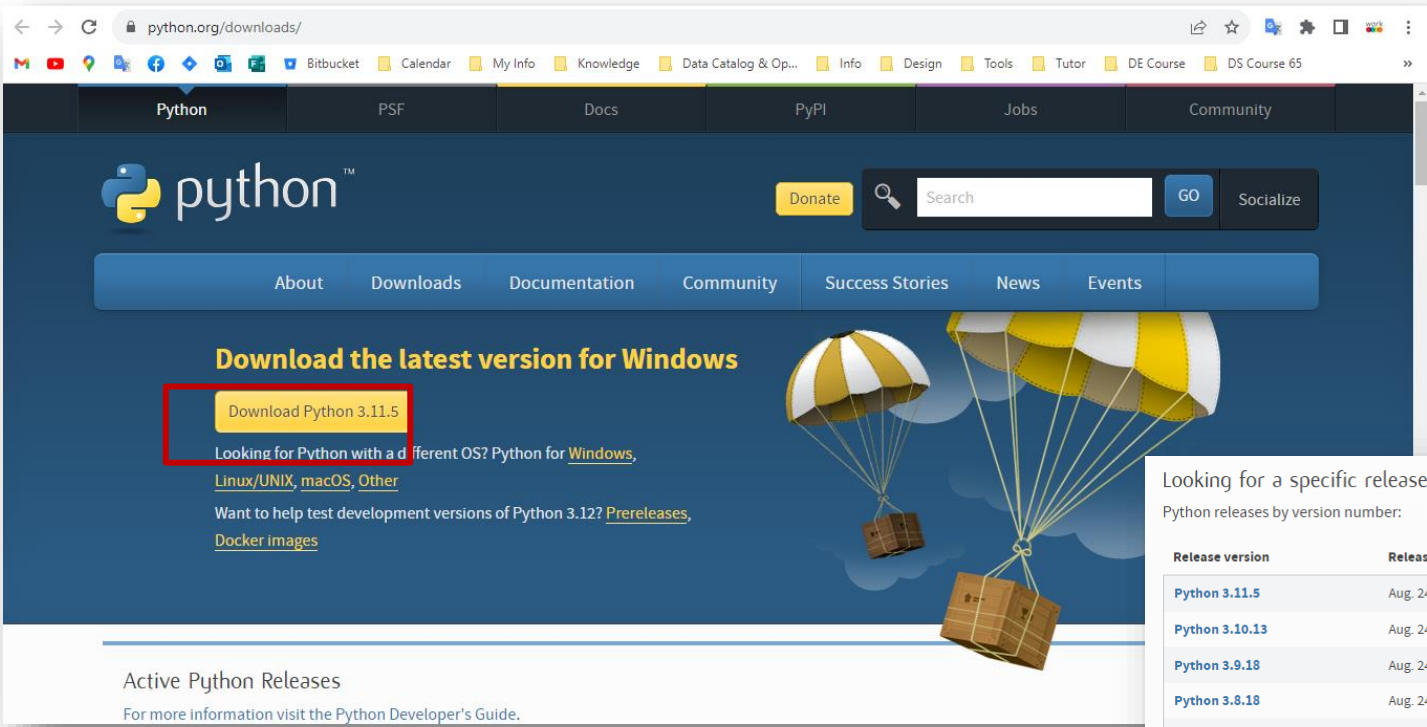
Download and Install Docker Desktop



Install Python

Download and Install Python

- Download python based on your OS: <https://www.python.org/downloads/>



The screenshot shows the Python.org website's download page. A red rectangular box highlights the yellow button labeled "Download Python 3.11.5". Below this button, there are links for other operating systems: "Looking for Python with a different OS? Python for [Windows](#), [Linux/UNIX](#), [macOS](#), [Other](#)". There is also a link for "Want to help test development versions of Python 3.12? [Prereleases](#), [Docker images](#)".

Below the main content area, there is a section titled "Active Python Releases" with the text "For more information visit the Python Developer's Guide."

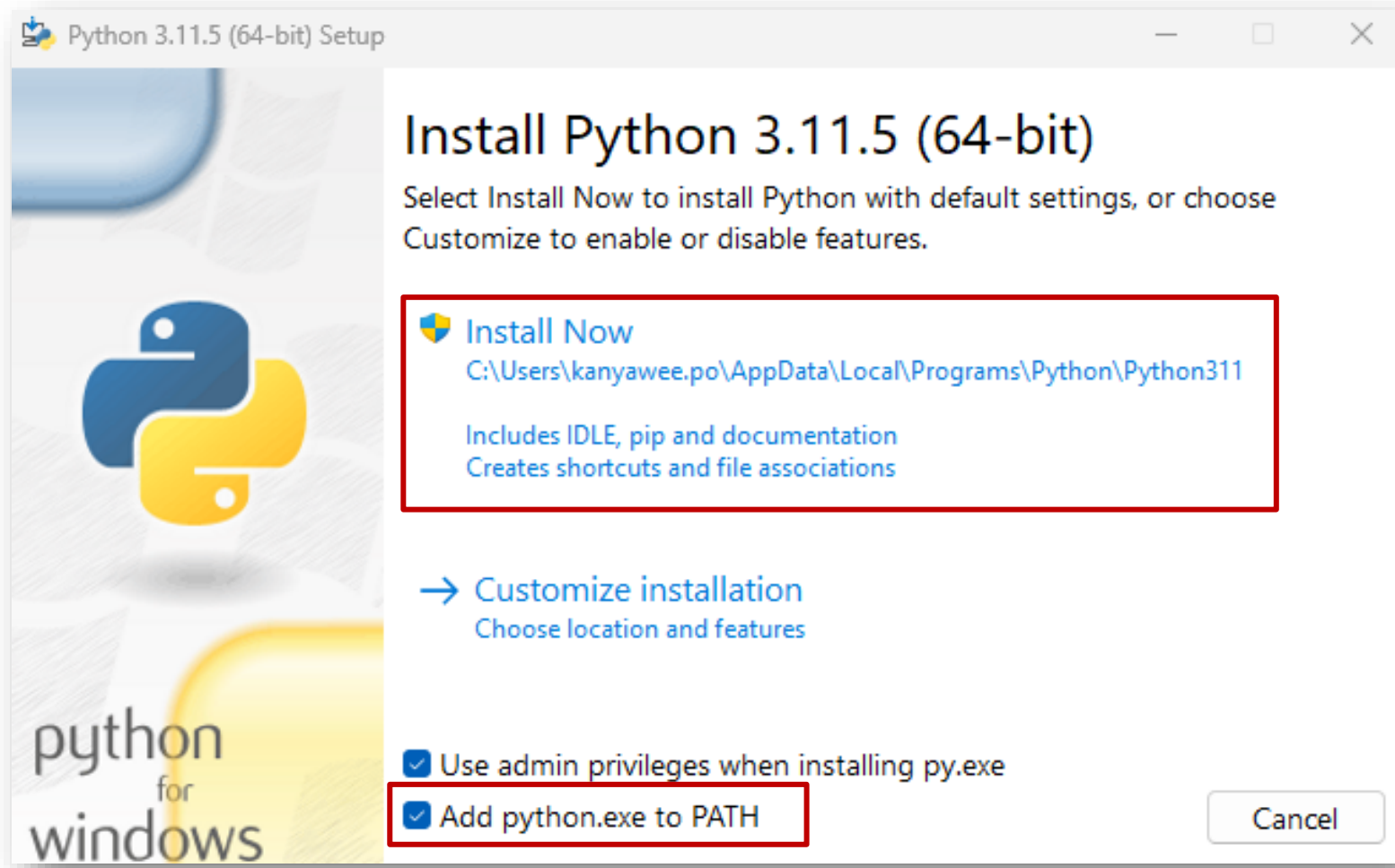
On the right side of the image, there is an inset showing a modal window titled "Looking for a specific release?". It contains a table of Python releases by version number.

Release version	Release date		Click for more
Python 3.11.5	Aug. 24, 2023	Download	Release Notes
Python 3.10.13	Aug. 24, 2023	Download	Release Notes
Python 3.9.18	Aug. 24, 2023	Download	Release Notes
Python 3.8.18	Aug. 24, 2023	Download	Release Notes
Python 3.10.12	June 6, 2023	Download	Release Notes
Python 3.11.4	June 6, 2023	Download	Release Notes
Python 3.7.17	June 6, 2023	Download	Release Notes

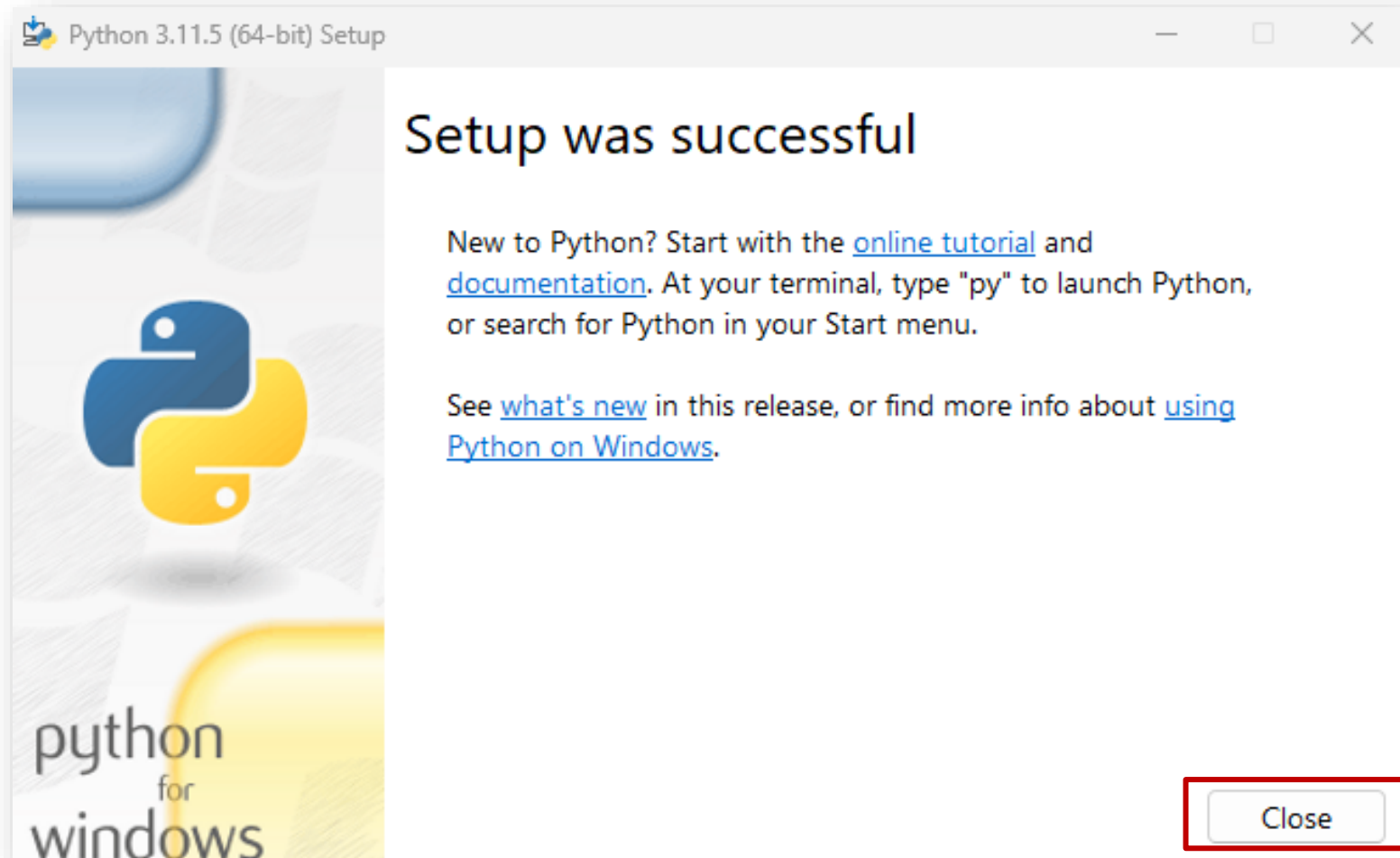
Below the table, there is a link "View older releases".

At the bottom left of the image, there is a file icon and the text "python-3.11.5-amd64.exe".

Download and Install Python

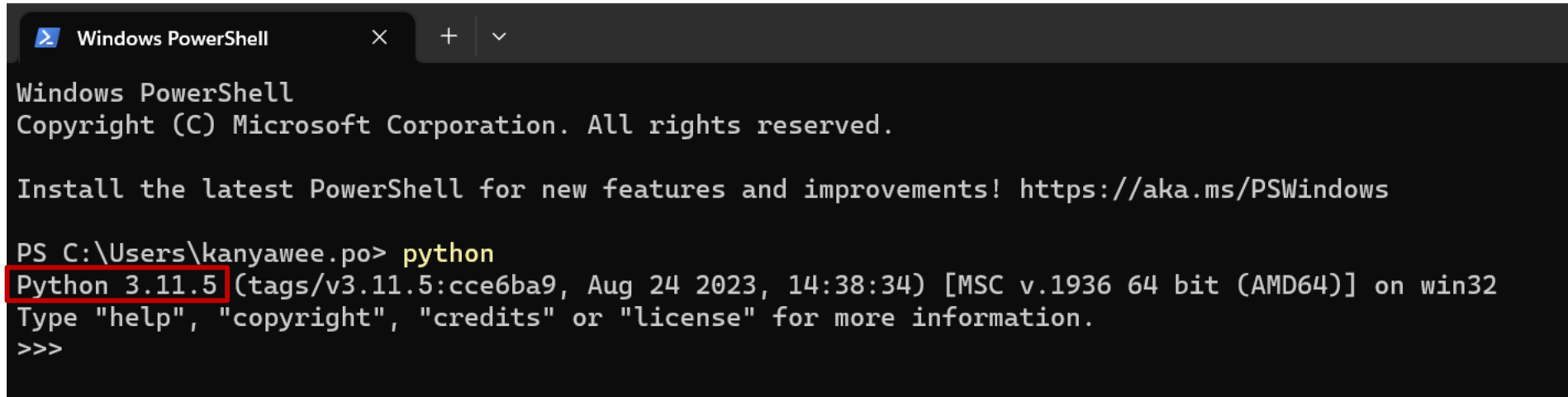


Download and Install Python



Download and Install Python

- Check the version of the installed python

A screenshot of a Windows PowerShell terminal window. The title bar shows 'Windows PowerShell' with standard window controls. The terminal text includes the PowerShell header, a copyright notice, a link to update PowerShell, and the output of the 'python' command. The output shows 'Python 3.11.5' in a red box, followed by build details and a prompt to type 'help', 'copyright', 'credits', or 'license' for more information. The prompt '>>>' is visible at the bottom.

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

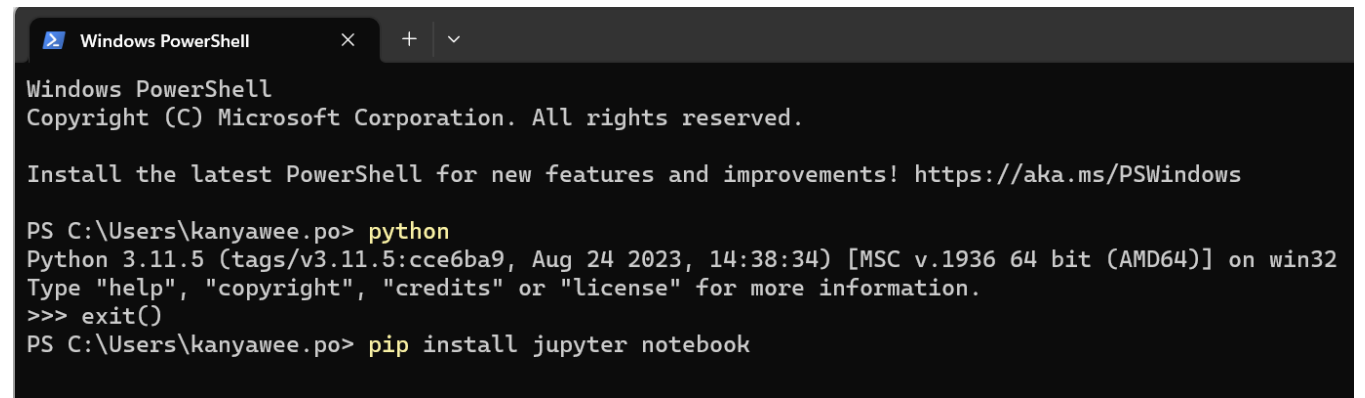
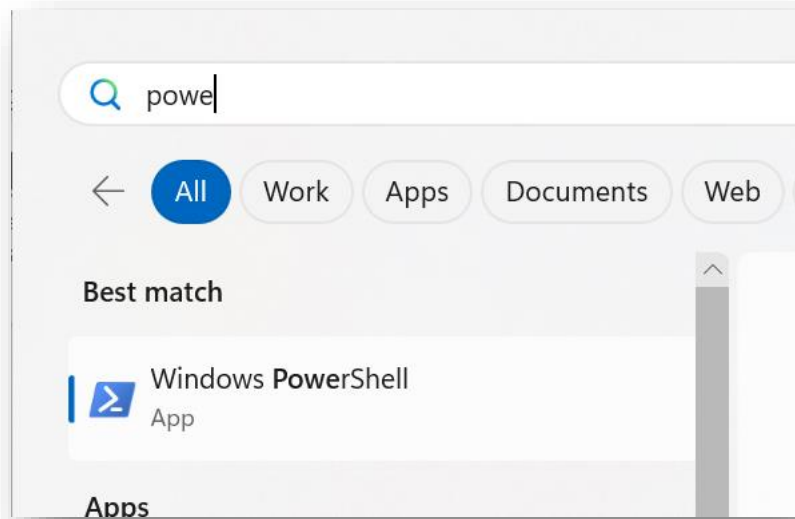
PS C:\Users\kanyawee.po> python
Python 3.11.5 (tags/v3.11.5:cce6ba9, Aug 24 2023, 14:38:34) [MSC v.1936 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

Install Jupyter Notebook

Install Jupyter Notebook

- Open command line and type the following command:

```
> pip install jupyter notebook
```



Install Jupyter Notebook

- Type this command to open the jupyter notebook:

```
> jupyter notebook
```

```
Windows PowerShell
PS C:\Users\kanyawee.po> jupyter notebook
[I 2023-09-13 10:37:24.893 ServerApp] Package notebook took 0.0000s to import
[I 2023-09-13 10:37:25.074 ServerApp] Package jupyter_lsp took 0.1804s to import
[W 2023-09-13 10:37:25.074 ServerApp] A '_jupyter_server_extension_points' function was not found in jupyter_l
pyter_server_extension_paths' function was found and will be used for now. This function name will be deprecate
es of Jupyter Server.
[I 2023-09-13 10:37:25.473 ServerApp] Package jupyter_server_terminals took 0.3976s to import
[I 2023-09-13 10:37:25.475 ServerApp] Package jupyterlab took 0.0000s to import
[I 2023-09-13 10:37:26.579 ServerApp] Package notebook_shim took 0.0000s to import
[W 2023-09-13 10:37:26.579 ServerApp] A '_jupyter_server_extension_points' function was not found in notebook_shim. Instead, a '_
jupyter_server_extension_paths' function was found and will be used for now. This function name will be deprecated in future rele
ases of Jupyter Server.
[I 2023-09-13 10:37:26.582 ServerApp] jupyter_lsp | extension was successfully linked.
[I 2023-09-13 10:37:26.592 ServerApp] jupyter_server_terminals | extension was successfully linked.
[I 2023-09-13 10:37:26.606 ServerApp] jupyterlab | extension was successfully linked.
[I 2023-09-13 10:37:26.622 ServerApp] notebook | extension was successfully linked.
[I 2023-09-13 10:37:31.230 ServerApp] notebook_shim | extension was successfully linked.
[I 2023-09-13 10:37:31.305 ServerApp] notebook_shim | extension was successfully loaded.
[I 2023-09-13 10:37:31.309 ServerApp] jupyter_lsp | extension was successfully loaded.
[I 2023-09-13 10:37:31.311 ServerApp] jupyter_server_terminals | extension was successfully loaded.
[I 2023-09-13 10:37:31.317 LabApp] JupyterLab extension loaded from C:\Users\kanyawee.po\AppData\Local\Programs\Python\Python311\
Lib\site-packages\jupyterlab
[I 2023-09-13 10:37:31.317 LabApp] JupyterLab application directory is C:\Users\kanyawee.po\AppData\Local\Programs\Python\Python3
11\share\jupyter\lab
[I 2023-09-13 10:37:31.319 LabApp] Extension Manager is 'pypi'.
[I 2023-09-13 10:37:31.323 ServerApp] jupyterlab | extension was successfully loaded.
[I 2023-09-13 10:37:31.332 ServerApp] notebook | extension was successfully loaded.
[I 2023-09-13 10:37:31.334 ServerApp] Serving notebooks from local directory: C:\Users\kanyawee.po
[I 2023-09-13 10:37:31.334 ServerApp] Jupyter Server 2.7.3 is running at:
[I 2023-09-13 10:37:31.334 ServerApp] http://localhost:8888/tree?token=1d747cb4e8e1a4e1af76dd5508c8d20ef6f18397708cd980
[I 2023-09-13 10:37:31.334 ServerApp] http://127.0.0.1:8888/tree?token=1d747cb4e8e1a4e1af76dd5508c8d20ef6f18397708cd980
[I 2023-09-13 10:37:31.334 ServerApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
```

