

# Steps to Install Python and Jupyter Notebook

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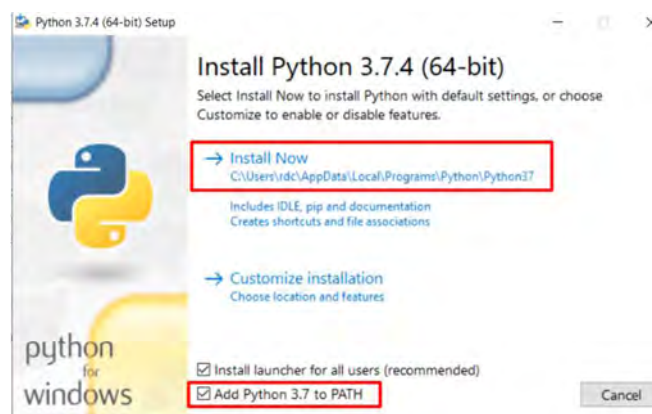
You need to be connected to the internet to carry out the following steps.

## 1. Install Python

Python packages are available at the [Python website](https://www.python.org/). It supports many operating systems, such as Windows, Linux/Unix, and Mac OS X.

The instructions refer to version 3.7 of Python. You should install the current version of Python.

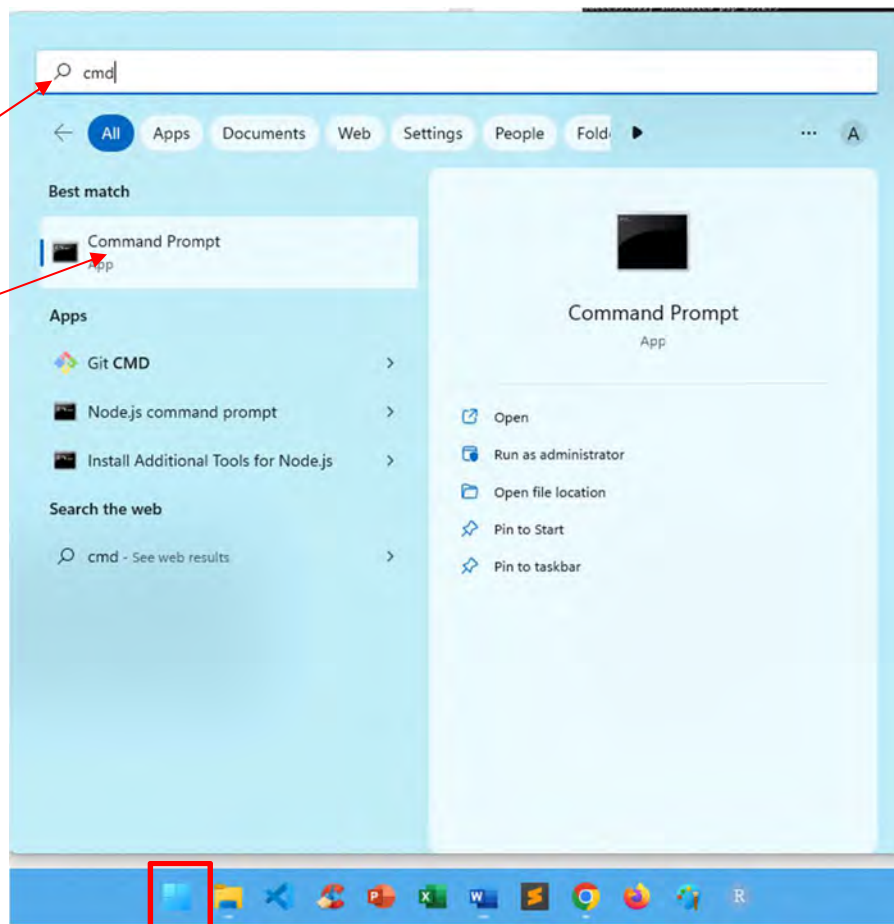
Download the Windows version and then install it on the machine. In this article, Python 3.7.4 64bit is used. You need to verify the installation path or choose the **Add Python 3.7 to PATH** option to add the Python installation path to the PATH environment variable. However, the **Add Python 3.7 to PATH** option may introduce the version conflicts among the installed Python versions. If you have multiple versions of Python installed on the machine, please beware of this option.



After installing, open the Windows Command Prompt to verify the version of Python (`python --version`).

Type **cmd** in the search box.

Click the **Command Prompt** icon.



```
C:\> Select Administrator: Command Prompt

Microsoft Windows [Version 10.0.18362.356]
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C:\Users\rdc>python --version
Python 3.7.4

C:\Users\rdc>_
```

### 3. Install Jupyter Notebook

Jupyter Notebook can be installed with the **pip** command. Open the Windows Command Prompt and use the following commands to install Jupyter Notebook.

```
python -m pip install --upgrade pip
```

```
python -m pip install jupyter
```

```
Administrator: Command Prompt
C:\Users\rdc>python -m pip install --upgrade pip
Collecting pip
  Downloading https://files.pythonhosted.org/packages/30/db/9e38760b32e3e7f40cce46dd5fb107b8c73840df38f0046d8e6514e675a1/pip-19.2.3-py2.py3-none-any.whl (1.4MB)
    100% |#####| 1.4MB 3.3MB/s
Installing collected packages: pip
  Found existing installation: pip 19.0.3
  Uninstalling pip-19.0.3:
    Successfully uninstalled pip-19.0.3
Successfully installed pip-19.2.3

C:\Users\rdc>python -m pip install jupyter
Collecting jupyter
  Downloading https://files.pythonhosted.org/packages/83/df/0f5dd132200728a86190397e1ea87cd76244e42d39ec5e88efd25b2abd7e/jupyter-1.0.0-py2.py3-none-any.whl
Collecting jupyter-console (from jupyter)
  Downloading https://files.pythonhosted.org/packages/cb/ee/6374ae8c21b7d0847f9c3722dcdfac986b8e54fa9ad9ea66e1eb6320d2b8/jupyter_console-6.0.0-py2.py3-none-any.whl
Collecting qtconsole (from jupyter)
  Downloading https://files.pythonhosted.org/packages/d0/fc/4936c60be8d56acedf6cc13cf9f3d881e4036147d78e86160463c92d1b7
```

Then, run **jupyter notebook** from the Windows Command Prompt to start the Jupyter Notebook.

```
Command Prompt
E:\temp>jupyter notebook_
```

Your installation of the Jupyter Notebook now supports **Python 3**.



Click the **Quit** button (on the top right of the screen) and close the browser tab. Also close the currently open command prompt window.