PyCharm and Python installation

Content

1. <u>Request JetBrains key</u>

Follow the installation procedure as described below:

- Create an account on https://account.jetbrains.com/login.
  Fill in your Thomas More email address (at Create JetBrains Account) and click *Sign Up*.
- You will receive an email "Complete your account registration" in which you must confirm your registration. Click on the link in the email.
- Fill in the form and click *Submit.*
- Go to https://www.jetbrains.com/student/ and click on *Apply Now.*
- Fill in the form and use the same Thomas More email address which you used to request your account. Click on *Apply for free products.*
- You will receive a second mail "JetBrains Educational Pack Confirmation" which you need to confirm. Click on the link in the email.
- Accept the terms of use by scrolling down and clicking *I accept* at the bottom.
- You will go to the homepage, where you can log in with your newly created account.

From now on, you can install all packages covered by the student license. During installation, you can register or activate the software via your "JetBrains Account".

2. <u>Installing PyCharm</u>

- Choose PyCharm and install
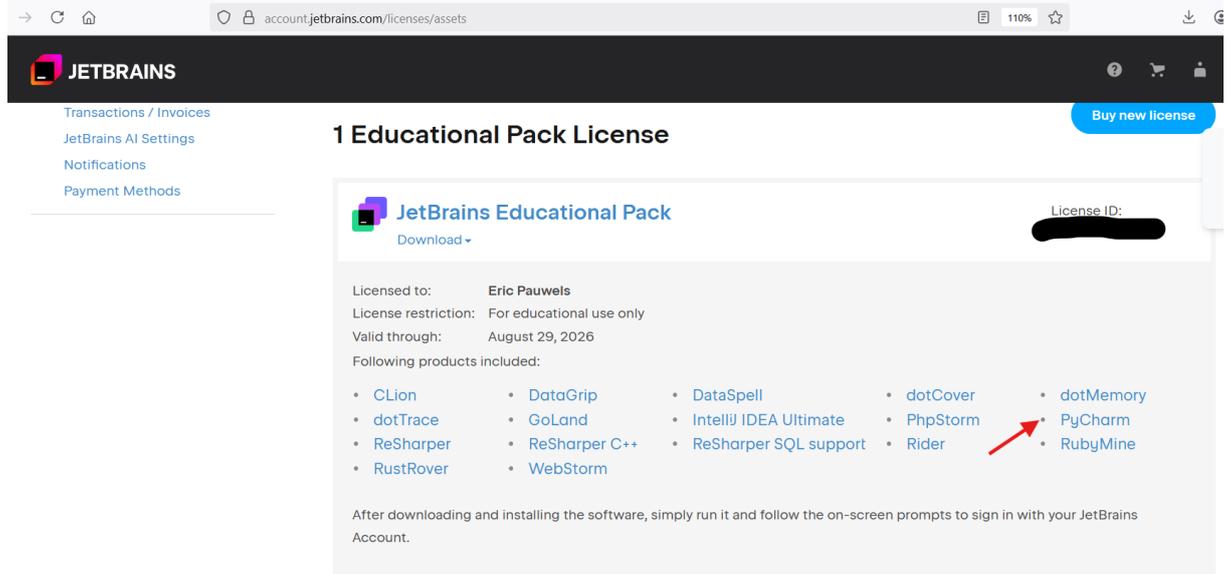
After downloading and installing the software, simply run it and follow the on-screen prompts to sign in with your JetBrains Account.
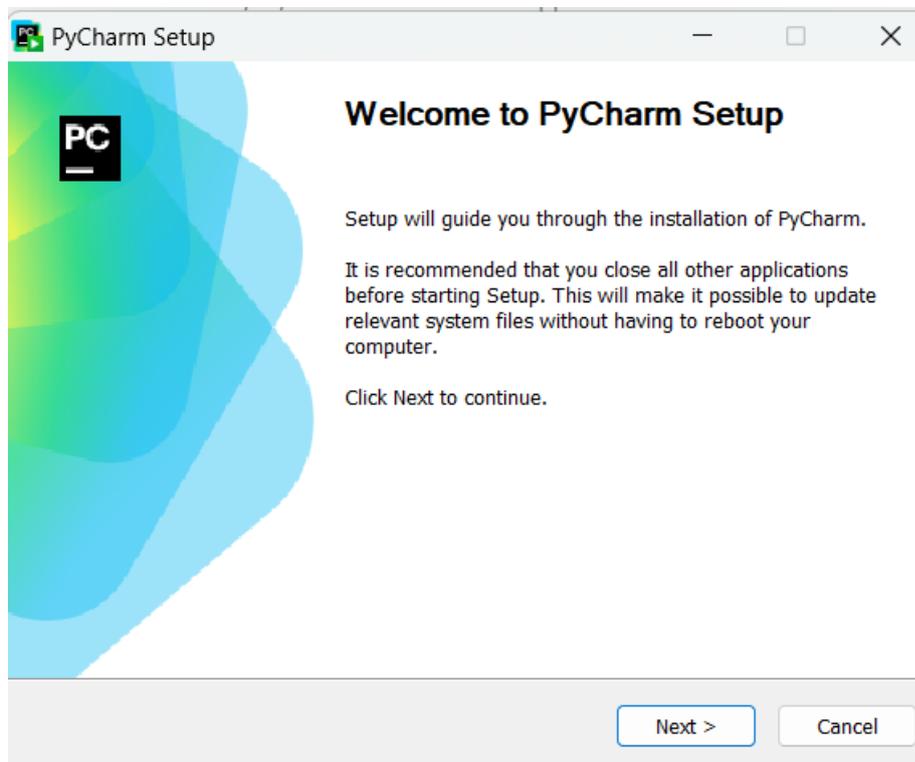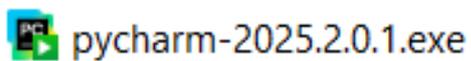
Windows   macOS   Linux

PyCharm Unified Product
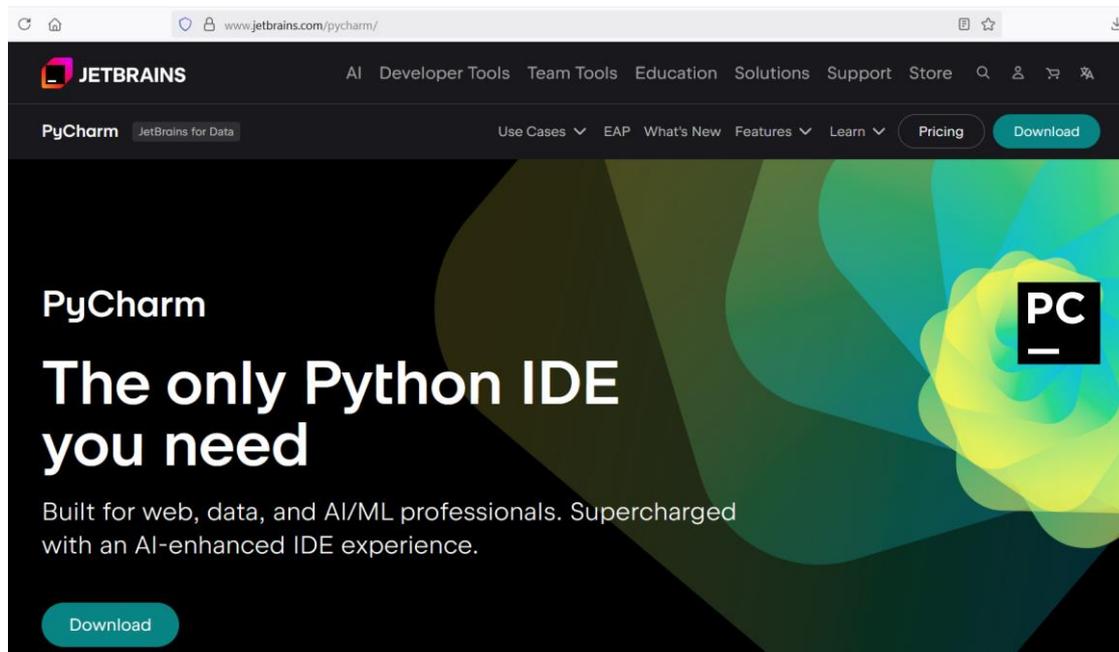
The only Python IDE you need

Download   .exe (Windows) ⌃

Free forever, plu~~

.exe (Windows)

.exe (Windows ARM64)

Choose your Operation System (Windows, macOS or Linux) and download the correct version

pycharm-2025.2.0.1.exe

Welcome to PyCharm Setup

Setup will guide you through the installation of PyCharm.

It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer.

Click Next to continue.

Next >   Cancel

select all options: Desktop Shortcut, Add "bin" folder to PATH, add "open Folder as Project" and create Association .py with PyCharm
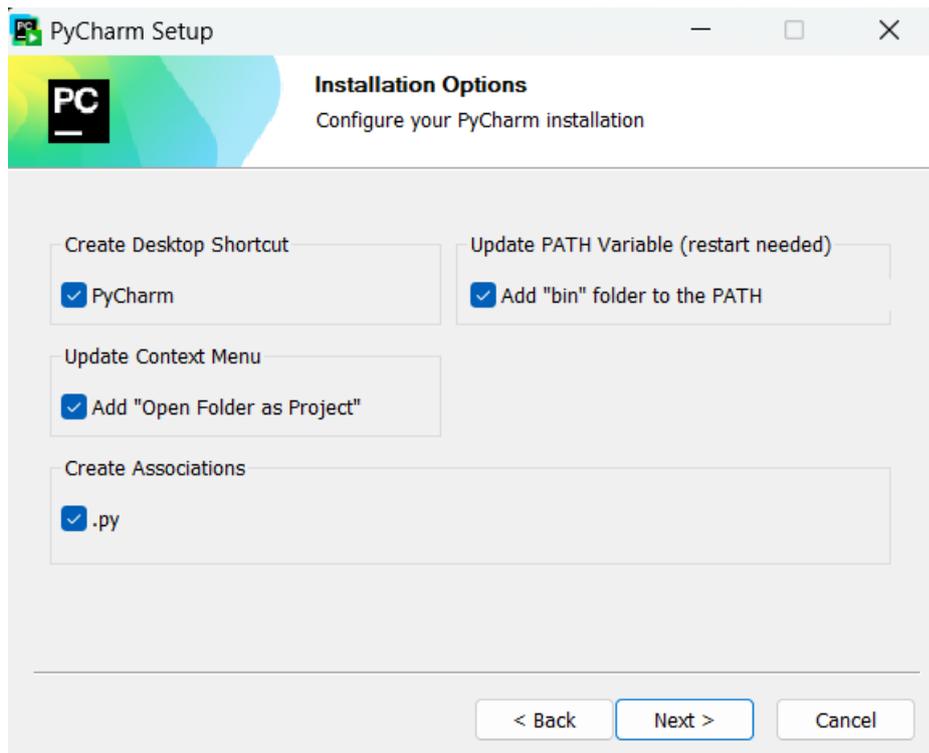
Click Next and wait until PyCharm is completly installed
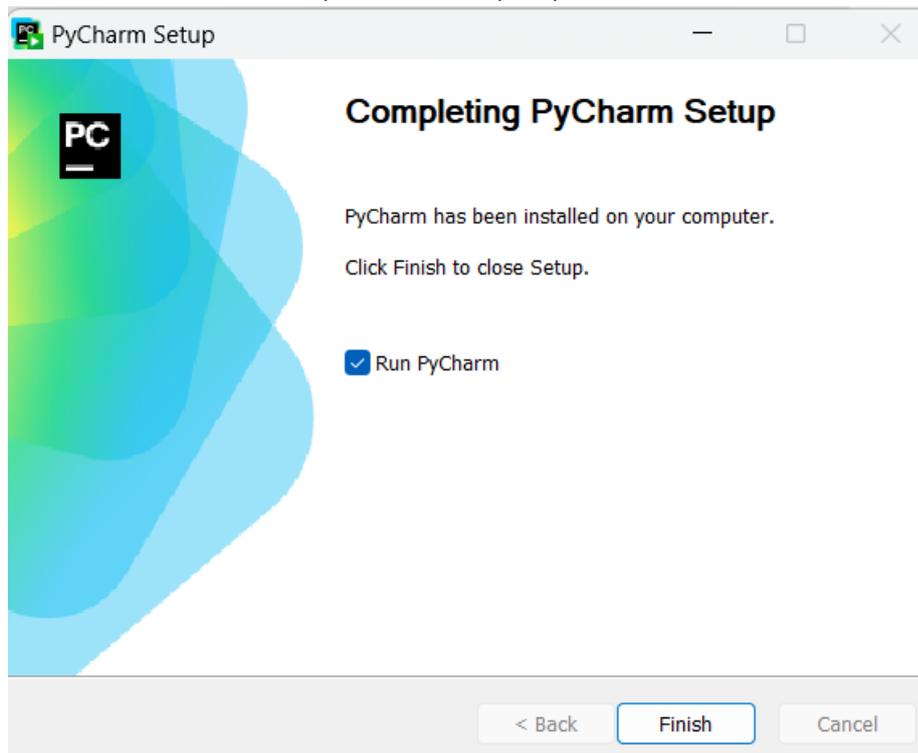
Run PyCharm for the first time

Disable the Local AI/ML tools:

Do not use AI tools during this course and exercises. You have to learn the basic programming skills by making them yourself.

Go to Menu → Settings → Plugins and scroll down in "Installed Plugins" and disable all 3 Local AI/ML tools (When an update is installed, check these settings again)
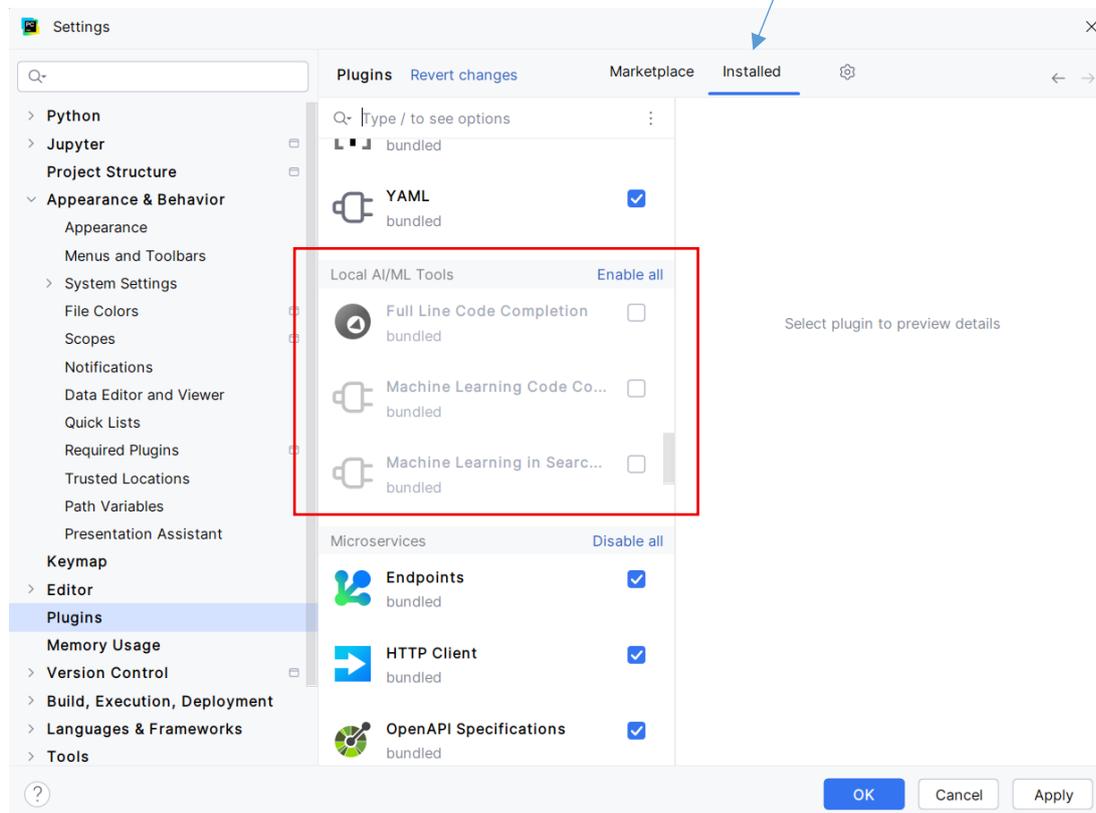

Click OK and restart PyCharm to start your first program without AI-support.
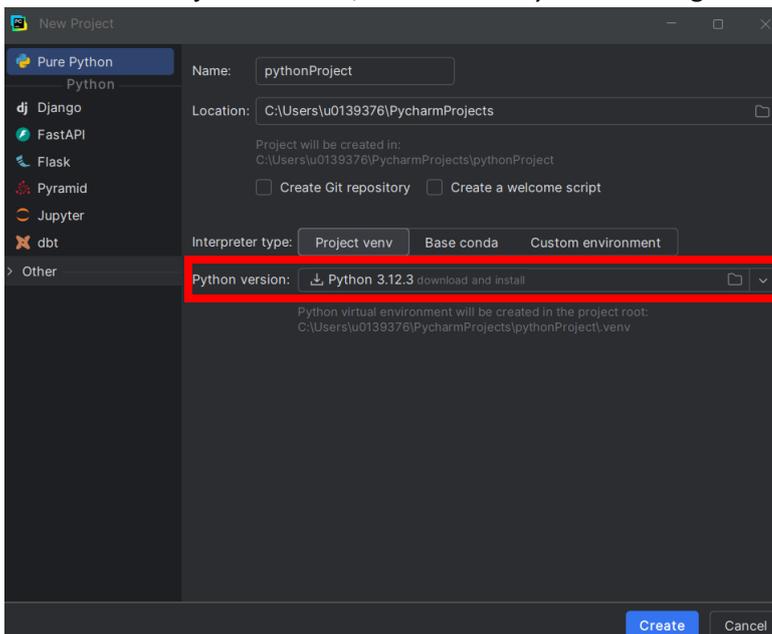
3. Python Installation

We just installed PyCharm. That is the development environment for Python, but we did not yet install Python itself. It is possible that you've already needed it in the past and you can skip this step. Therefore, we first check whether the installation is required.

a. Check Python version

- In the "Welcome to PyCharm" window, choose *Projects > New Project.*
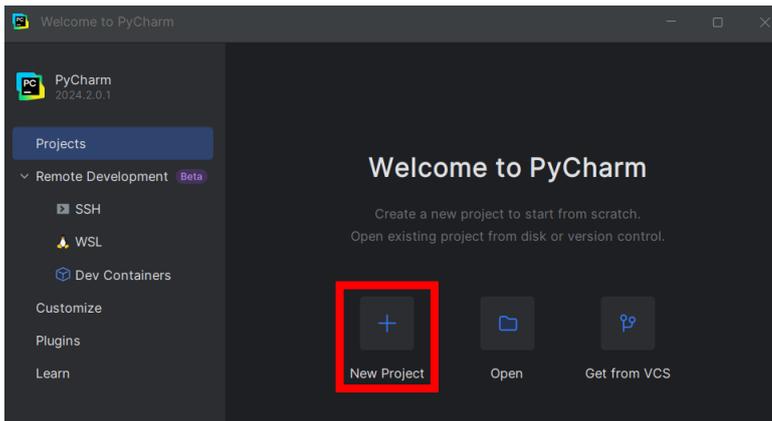
- In the "New Project" window, choose *Pure Python*. You'll get a screen similar to below one:

- If the field "Python version" is filled in, then you're done with this installation document. Click on *Cancel* and *close PyCharm*.
- If the field "Python version" shows as "download and install" (like in the screenshot above), you continue with the procedure (from point b). Before doing that, first click on *Cancel* and *close PyCharm*.
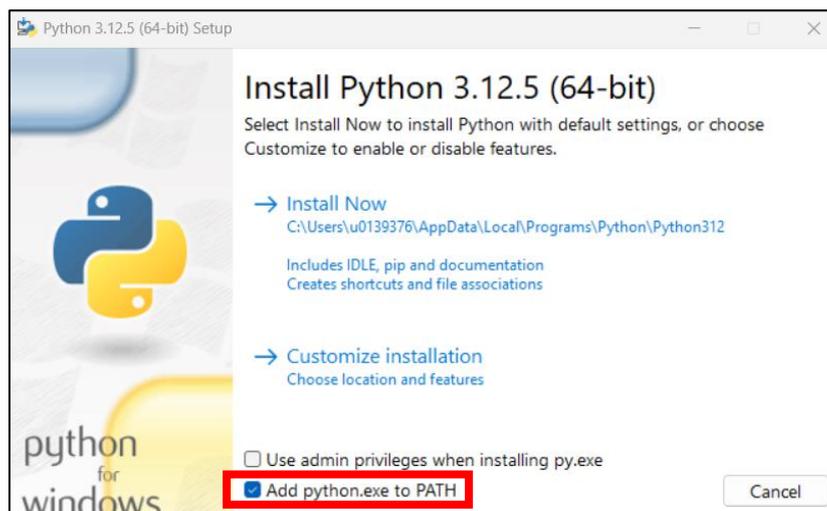
b. Download Python

- Go to https://www.python.org/downloads/ .
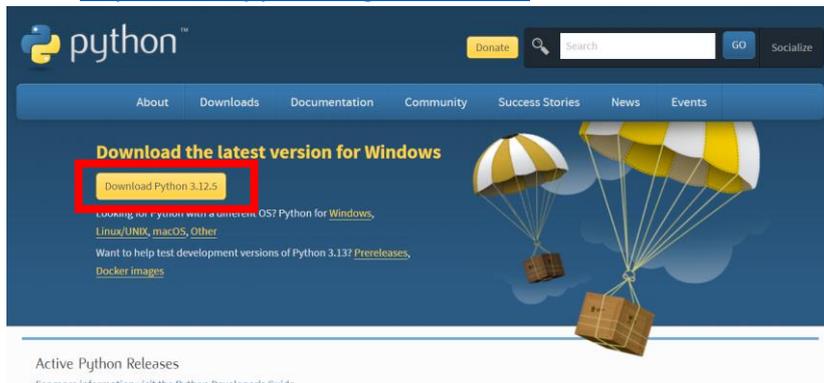
- Download the latest version.

c. Install Python

- Double click on the file you downloaded.
- Check the *Add python.exe to PATH* checkbox at the bottom of the screen.
- Then click on *Install Now*.

- Click on *Yes* when prompted to do so.
- Allow the change of the Path length if requested and click *Yes* again.
- Confirm that you want to make changes to the computer.
- The installation wizard will report that setup was successful. Click on *Close.*

d. Second check of Python version

- Open PyCharm.
- Choose *New Project > Pure Python*
- You notice that the Python version is filled in now.

- Your installation is now complete.