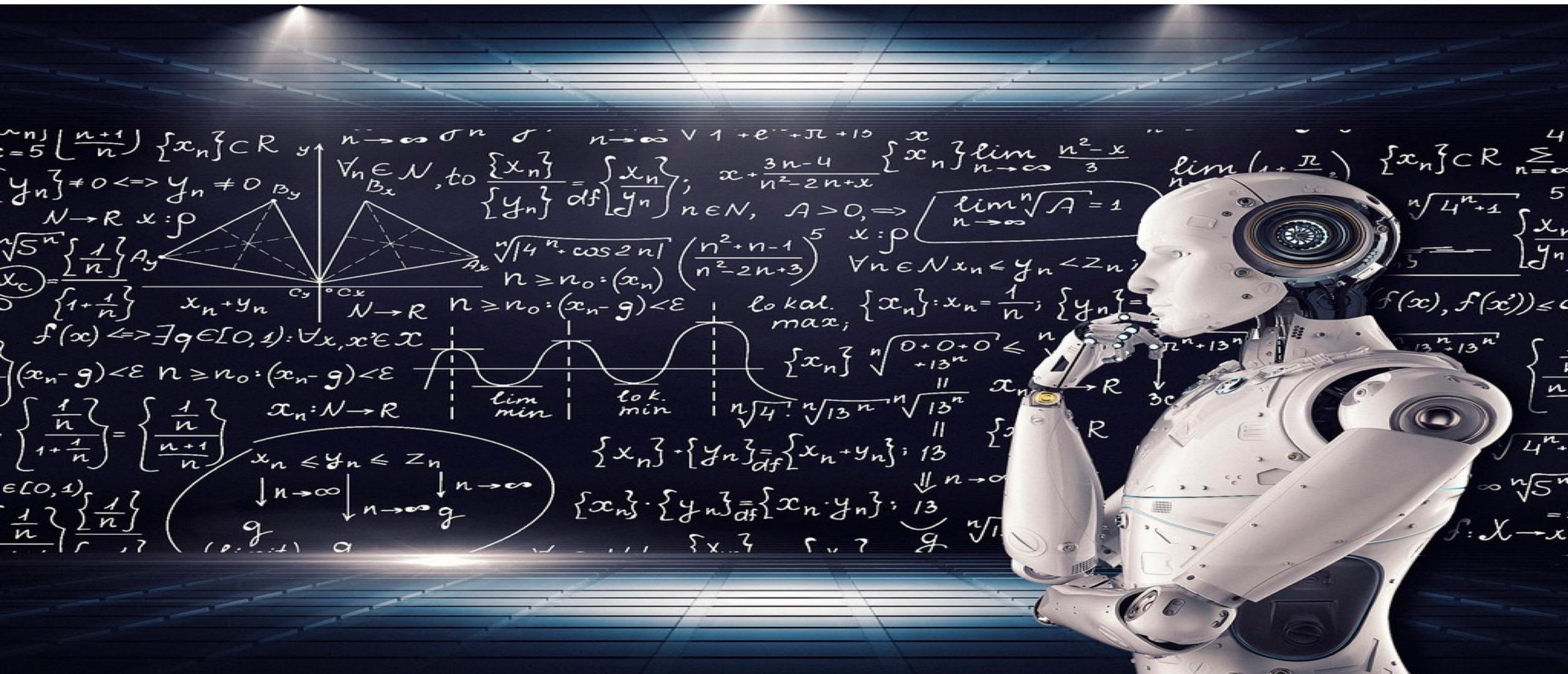


Python installation



Python Installation



- The official website of Python is <http://www.python.org>
- It contains full and easy-to-follow instructions for downloading Python
- However, there are several full distributions which include the data science libraries such as NumPy, SciPy, Scikit-learn save you from having to download and install these yourself
- For Windows, the Anaconda distribution is typically used

Anaconda Distribution



- Anaconda is the most popular Python data science platform
- Anaconda is a distribution of the Python and R programming languages for data science and machine learning related applications
- It also installs the Jupyter Notebook
- Includes a collection of over 1,000 open source data science packages
- Package versions are managed by the package management system conda
- In contrast to pip, conda can handle library dependencies outside of the Python packages as well as the Python packages themselves



Installing Anaconda



- Go to <https://www.anaconda.com/download/>
- Download the Python 3.7 version

Anaconda 2018.12 for Windows Installer

Python 3.7 version

[Download](#)

64-Bit Graphical Installer (614.3 MB)

32-Bit Graphical Installer (509.7 MB)

Python 2.7 version

[Download](#)

64-Bit Graphical Installer (560.6 MB)

32-Bit Graphical Installer (458.6 MB)

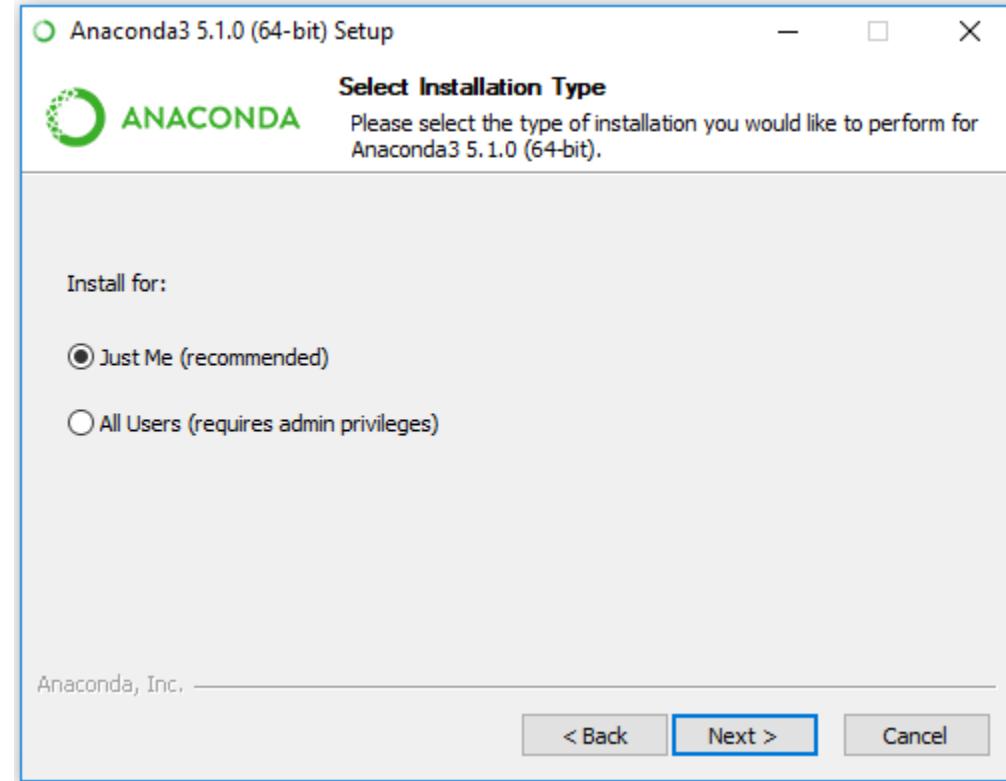
Installing Anaconda



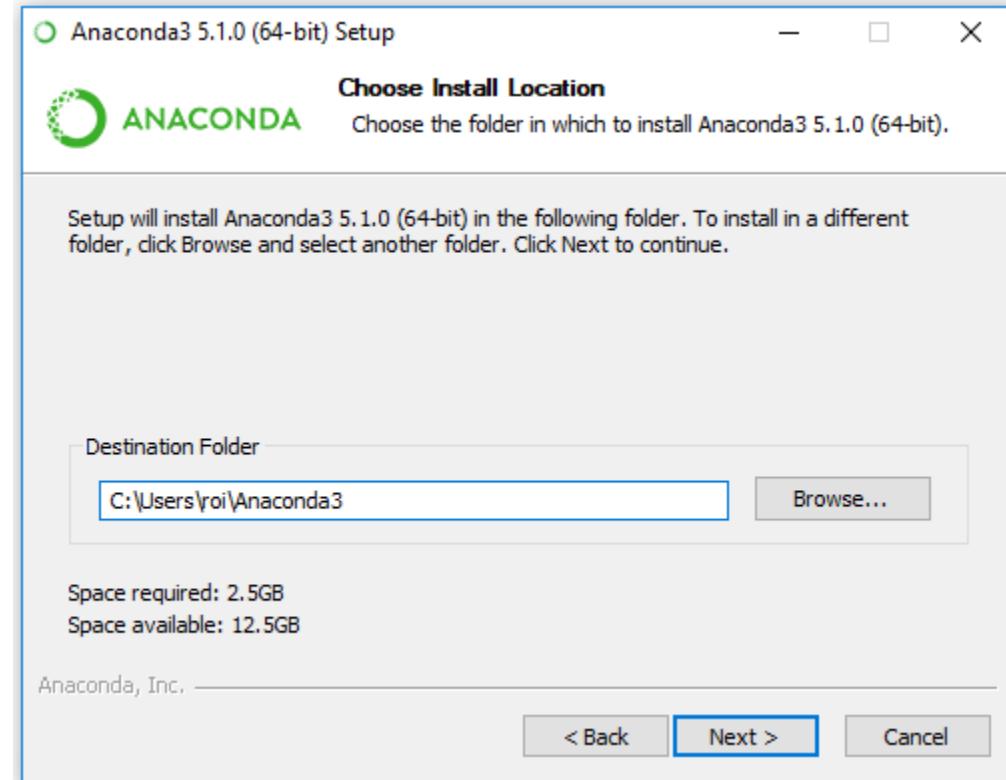
- Double click the executable file to start the installation



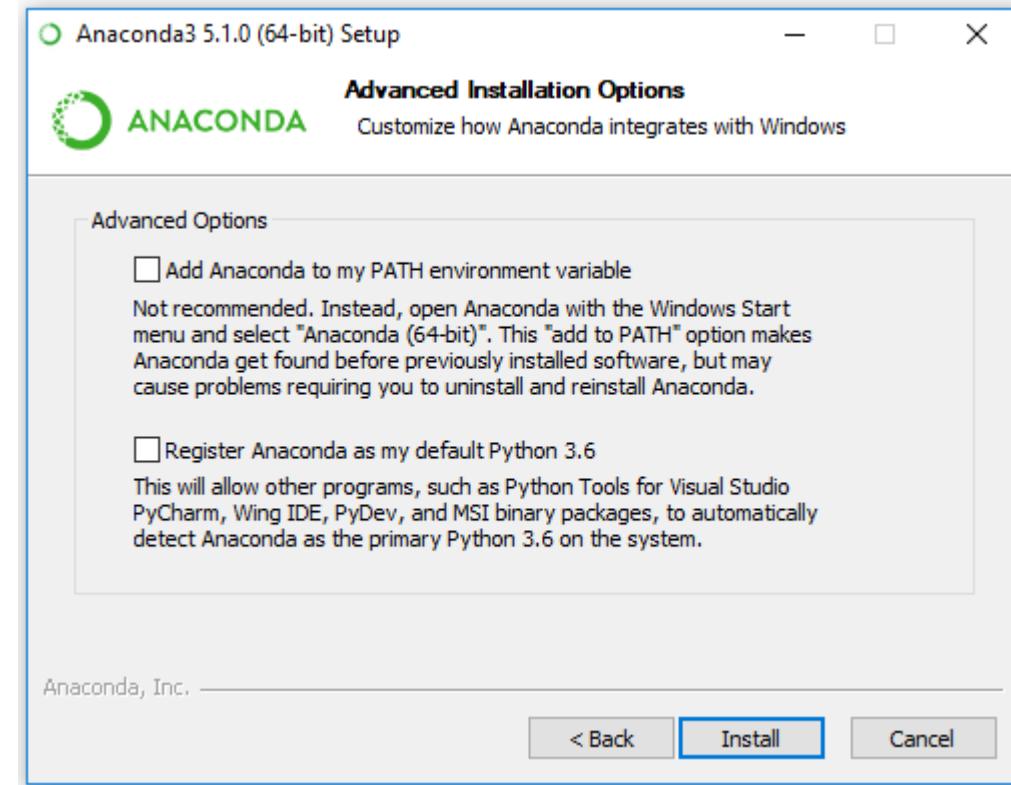
Installing Anaconda



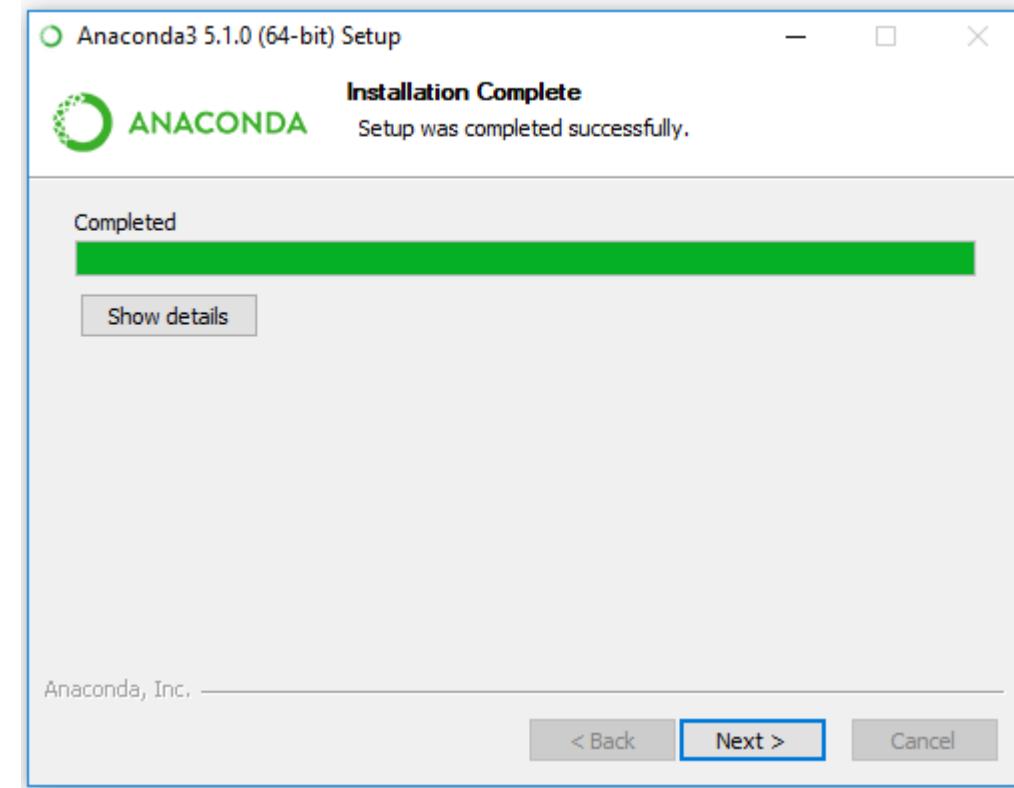
Installing Anaconda



Installing Anaconda



Installing Anaconda



PyCharm

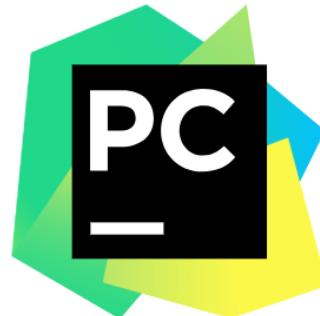


- PyCharm is an IDE for the Python language developed by JetBrains, a team responsible for one of the most famous Java IDEs, the IntelliJ IDEA
- PyCharm is cross-platform, with Windows, macOS and Linux versions
- PyCharm integrates with IPython Notebook, has an interactive Python console, and supports Anaconda as well as multiple scientific packages including matplotlib and NumPy
- It provides code analysis, a graphical debugger, an integrated unit tester, integration with version control systems like git, and supports web development
- It provides a free Community Edition

Installing PyCharm



- Go to <https://www.jetbrains.com/pycharm/download>
- Choose your operating system
- Download the Community edition



Version: 2018.2
Build: 182.3684.100
Released: July 25, 2018

[System requirements](#)
[Installation Instructions](#)
[Previous versions](#)

Download PyCharm

Windows

macOS

Linux

Professional

Full-featured IDE
for Python & Web
development

[DOWNLOAD](#)

Free trial

Community

Lightweight IDE
for Python & Scientific
development

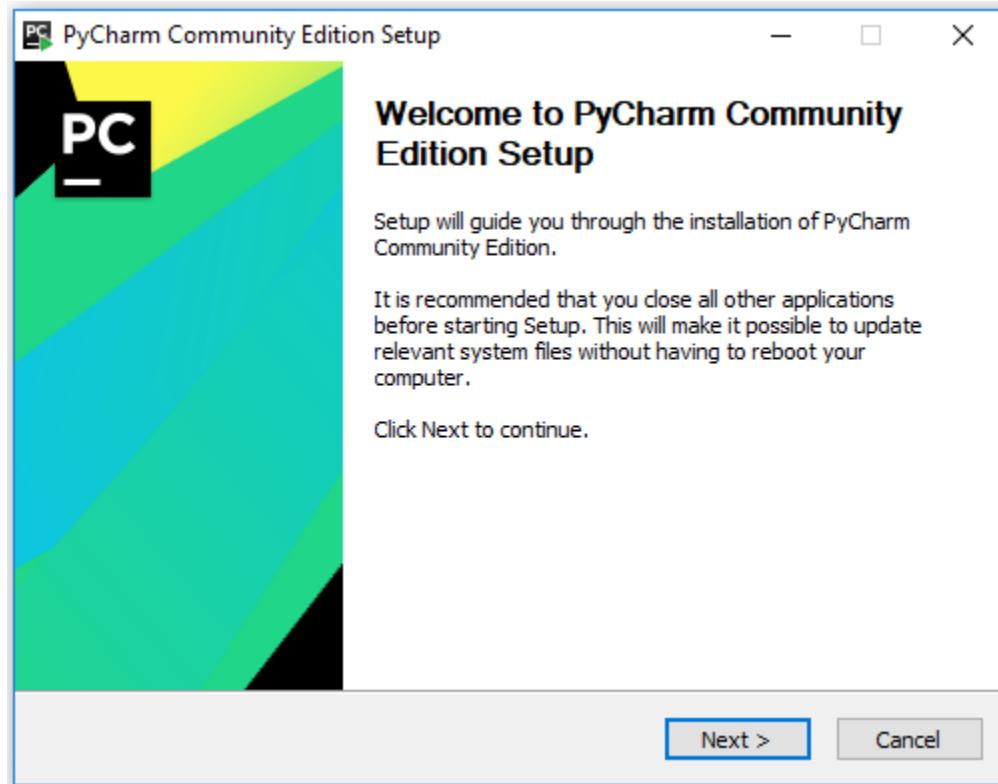
[DOWNLOAD](#)

Free, open-source

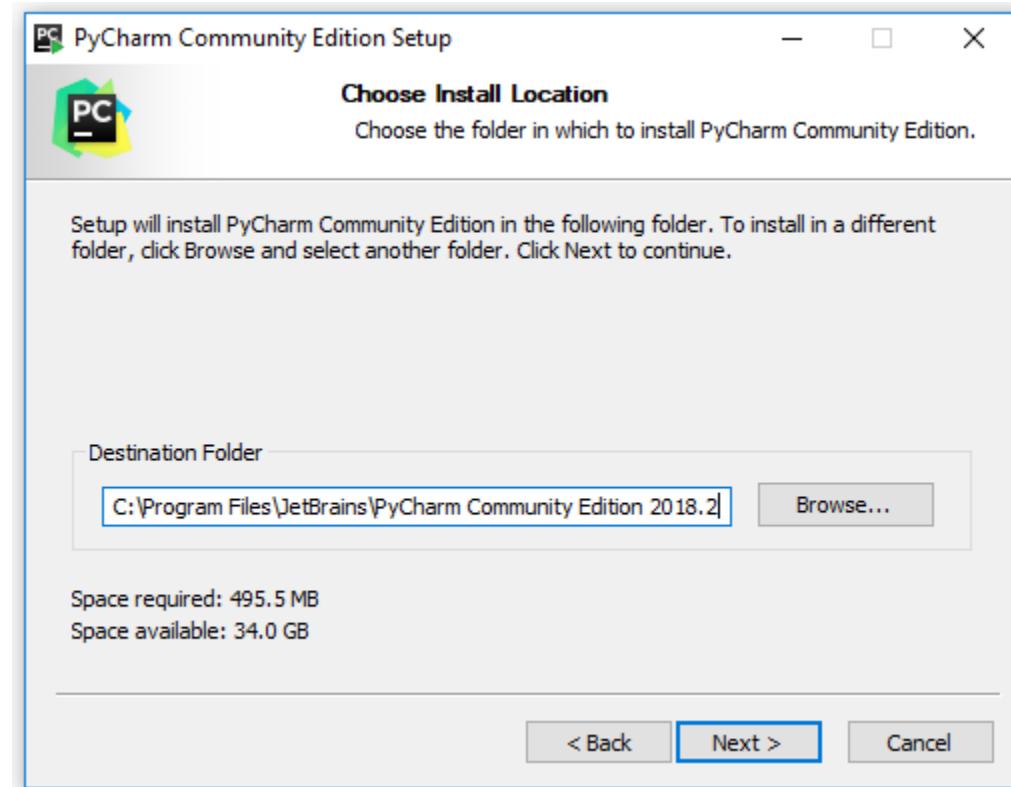
Installing PyCharm



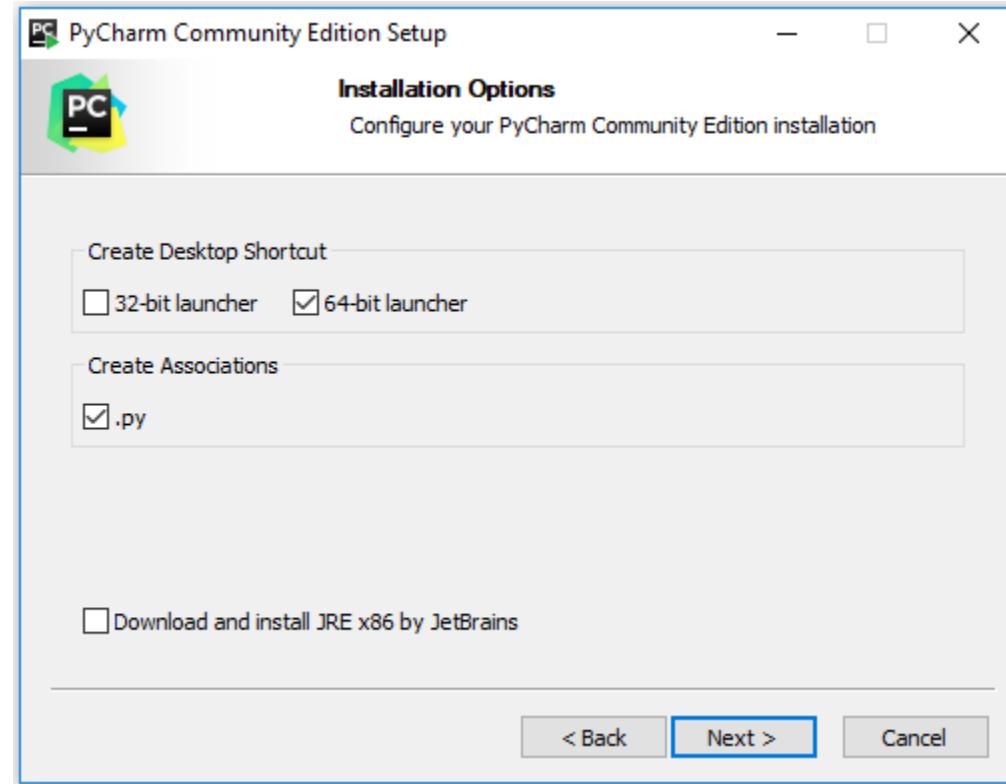
- Click Next to install



Installing PyCharm



Installing PyCharm



Installing PyCharm

