Welcome to the Python Development 🤘

Python is not just a language, it's a superpower

In this course, you'll go from writing your first line of code to building cool projects that'll make you say, 'Wow, I did that! 🤓'

Whether you're totally new to coding or just looking to sharpen your Python skills, get ready for an epic journey filled with coding magic, challenges, and lots of fun moments. .

Python Language Quick Overview

Python is a high-level, interpreted programming language that is widely used for many different purposes, from web development to scientific computing to machine learning.

There are several reasons why Python is a great choice for many different types of projects:
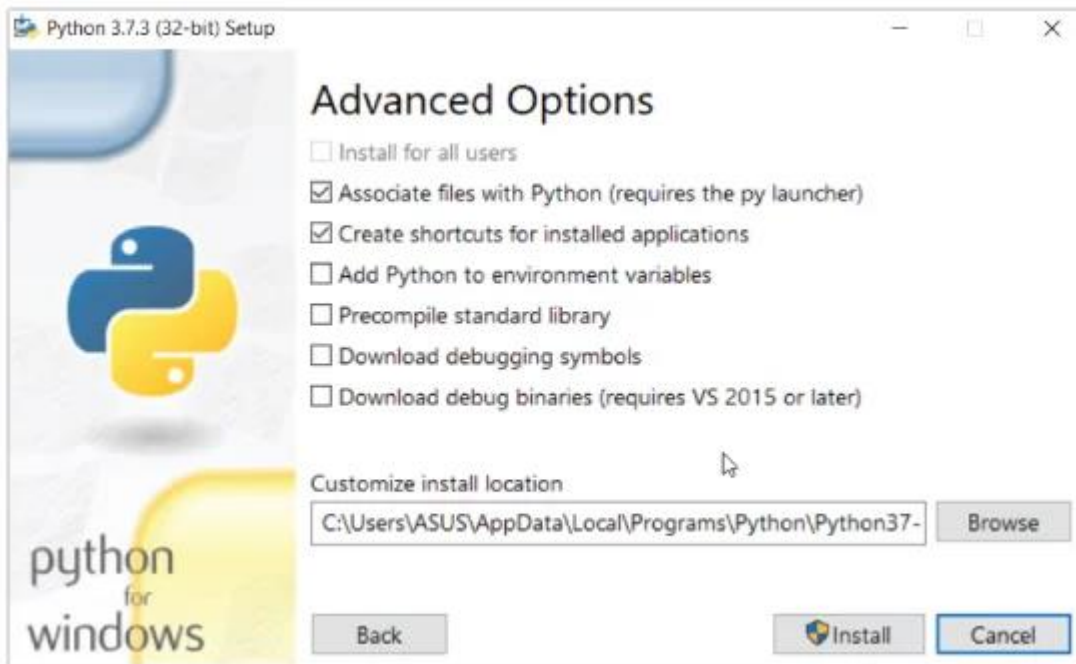
1. **Easy to learn:** Python has a relatively simple syntax, which makes it easier for beginners to learn compared to other programming languages.
2. **Versatile:** Python can be used for a wide range of applications, including web development, data analysis, artificial intelligence, and more.
3. **Large and active community:** There is a large and active community of Python developers, which means that there are many resources available for learning and solving problems.
4. **Plenty of libraries**: Python has a large number of libraries, including NumPy, pandas, and Matplotlib, which can be used to perform complex tasks with just a few lines of code.
5. **Cross-platform compatibility:** Python can run on multiple operating systems, including Windows, macOS, and Linux, making it a good choice for projects that need to be run on multiple platforms.

Install Python3 and Vs-Code on a Windows machine

Install Python

If you don't want to use Thonny, here's how to install and run Python on your computer.

1. Download the latest version of Python.
2. Run the installer file and follow the steps to install Python
3. During the installation process, check **Add Python to environment variables**. This will add Python to environment variables, and you can run Python from any part of the computer.
4. Also, you can choose the path where Python is installed.

Note: For Unix based Operating Systems like Linux and macOS systems have Python pre-installed