You:

i want setup a basic python development environment. can you give me step by step instructions on it. I want to use windows, vscode and anaconda. I want it as simple as possible.

ChatGPT:

Here's a simple step-by-step guide to set up a Python development environment on Windows using VSCode and Anaconda: Step 1: Install Anaconda

- 1. Download Anaconda:
- Go to Anaconda's official website and download the latest Windows version.
- 2. Install Anaconda:
- Run the installer and follow the prompts.
- Important: Select the option to Add Anaconda to PATH (recommended for VSCode) during installation.
- ✓ Step 2: Install Visual Studio Code (VSCode)
 - 1. Download VSCode:
 - Go to VSCode's official website and download the Windows version.
 - 2. Install VSCode:
 - During installation, check the options to add 'Open with Code' to the context menu and add to PATH.
- ✓ Step 3: Install Python Extension for VSCode
 - 1. Open VSCode:
 - Launch VSCode after installation.
 - 2. Install Python Extension:
 - Go to the Extensions view: Click the Extensions icon on the sidebar (or press ctrl+Shift+X).
 - Search for "Python" and click Install (by Microsoft).
- Step 4: Set Up Anaconda in VSCode
 - 1. Open the Command Palette (ctrl+Shift+P) and type:

Tychom. Select linet proces

2. Select the Anaconda Interpreter:

• You should see something like:

```
Python 3.x.x ('base': conda)
```

• Select it.

✓ Step 5: Create a New Python Project

- 1. Open a Folder:
- In VSCode, go to File → Open Folder and create/open a new project folder.
- 2. Create a Python File:
- Right-click in the folder and choose **New File** , name it app.py .
- 3. Write a Simple Python Script:

```
print("Hello, Python with Anaconda and VSCode!")
```

- ✓ Step 6: Run Your Python Script
 - 1. Open the Integrated Terminal:
 - Go to **Terminal** → **New Terminal** or press Ctrl+ `.
 - 2. Run the Script:

```
python app.py
```

You should see:

Hello, Python with Anaconda and VSCode!

environment:

conda create -n myenv python=3.11
conda activate myenv

Then select this environment in VSCode (ctrl+Shift+P → Python: Select Interpreter).

You're all set! > Now you can develop Python projects easily in VSCode with Anaconda. Let me know if you need help with anything specific!