

VS Code SetUp

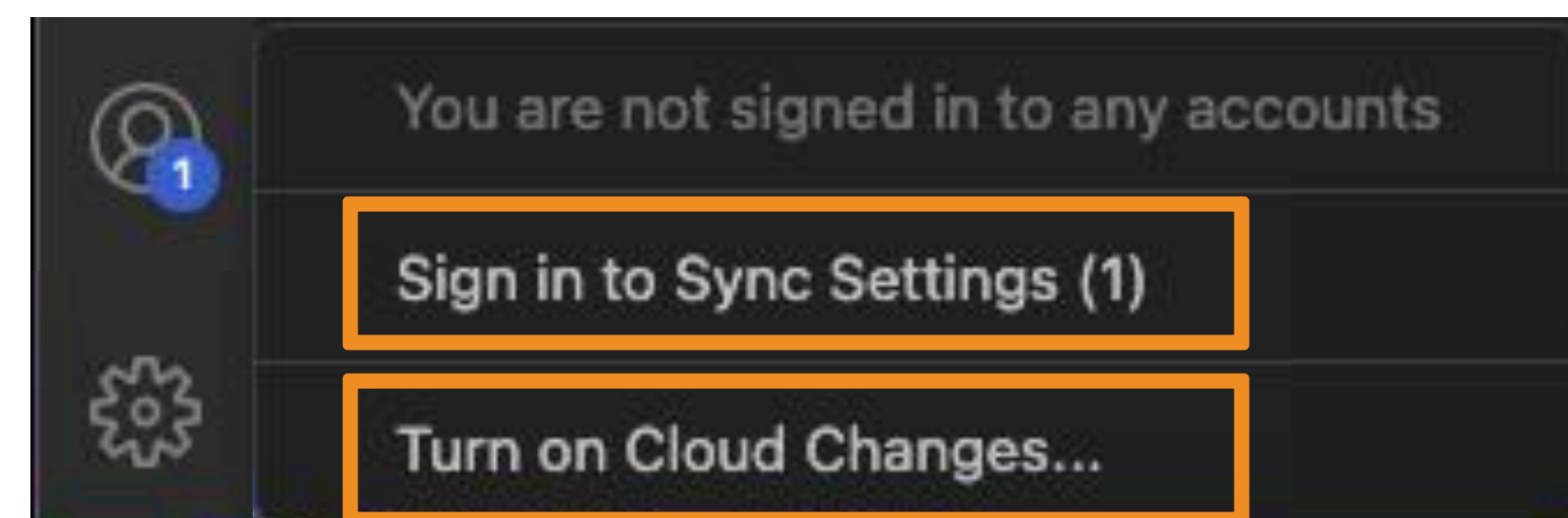
Sign In

Open VS Code

- **Launch VS Code** on your computer.

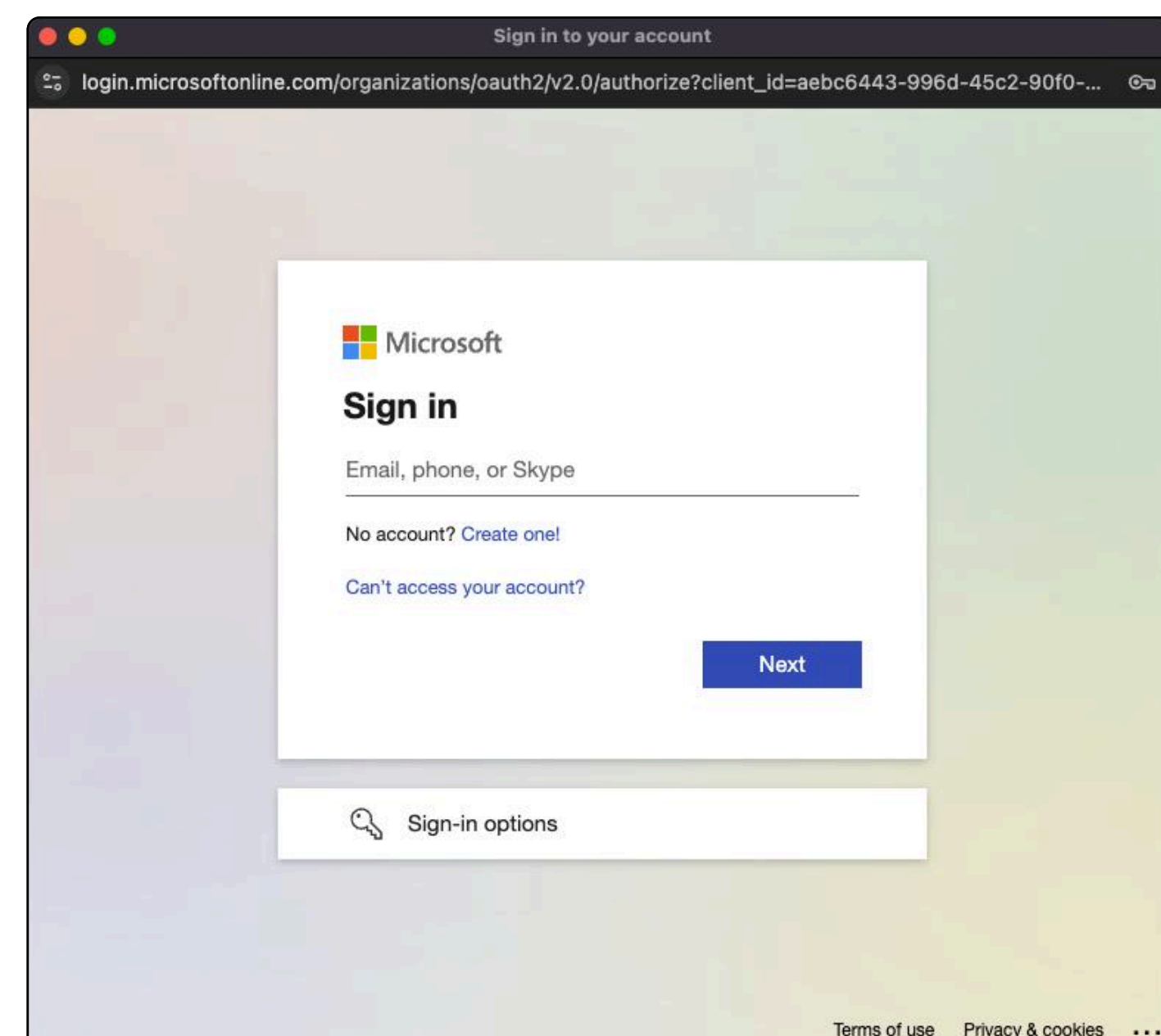
2. Sign in with Microsoft Account

- Click on the **Account** icon in the **bottom-left** corner.
- Select **Sign in with Microsoft**.
- A browser window will open. **Log in** using your **School Log In** details.
- Once signed in, **return to VS Code**.



3. Enable Cloud Changes (Settings Sync)

- Click on the **Account** icon again.
- Select **Turn on Cloud Changes** or **Turn on Settings Sync**.
- Choose what to sync (*Settings, Keybindings, Extensions, etc.*).
- Confirm by clicking **Turn on**.



Why Sign In?

- **Sync Settings Across Devices** – Allows you to keep your settings, extensions, keybindings, and themes consistent across multiple devices.
- **Cloud Backup** – Your preferences and configurations are stored in the cloud, preventing data loss.
- **Easy Extension Management** – Installs your preferred extensions automatically on new devices.

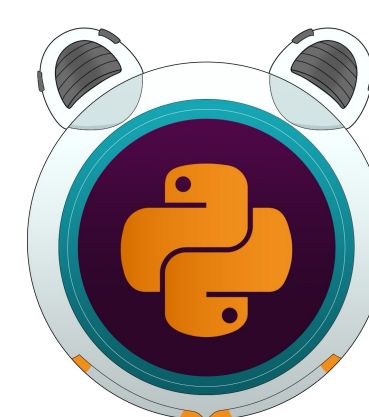
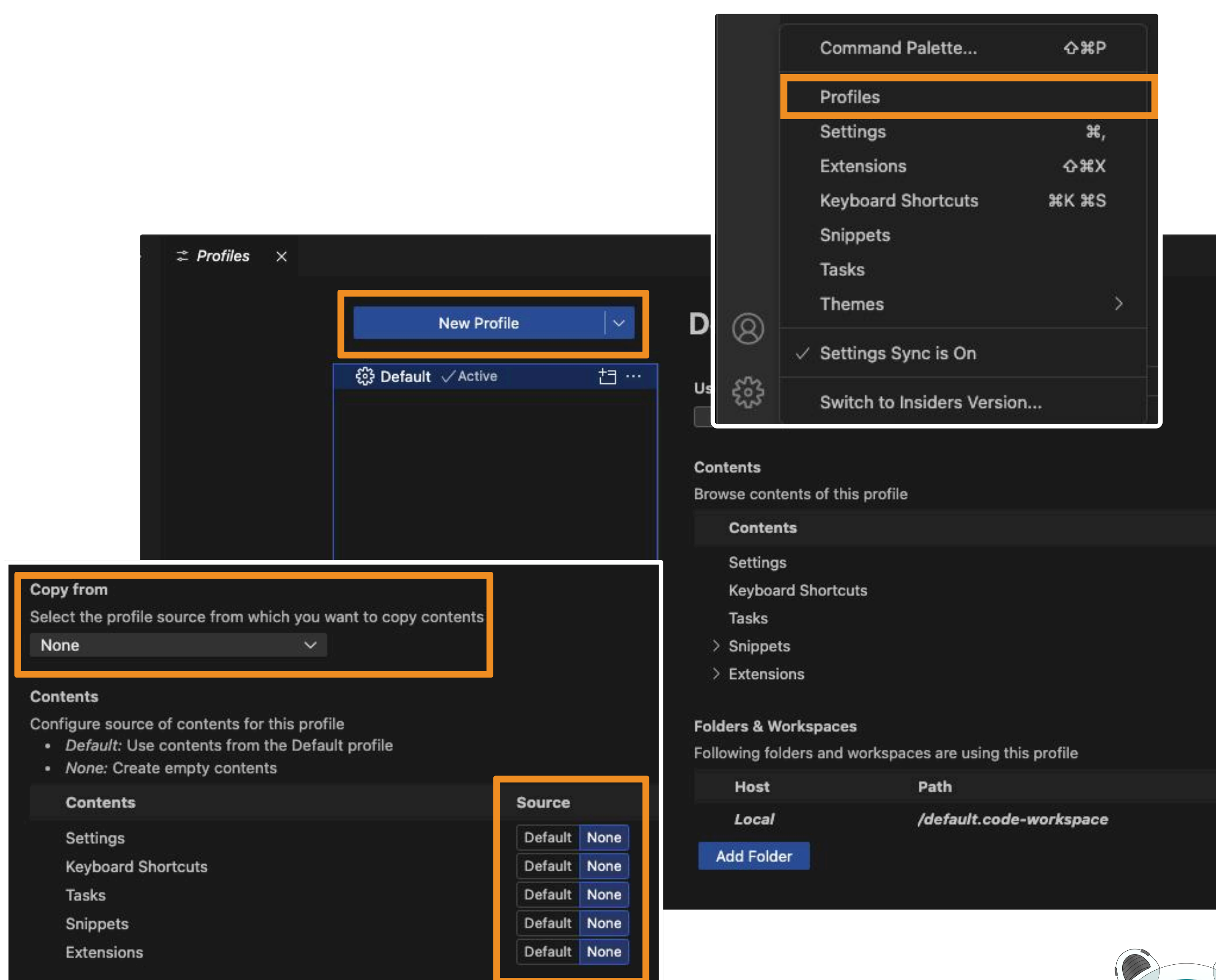
Python Profile

1. Create a Profile

- Click on the **Setting** icon in the bottom-left corner.
- Select **Profiles**
→ Create a **New Profile**.

2. Set Up the Profile

- Make sure that:
 - Copy from → **None**
 - Contents Source → **None**



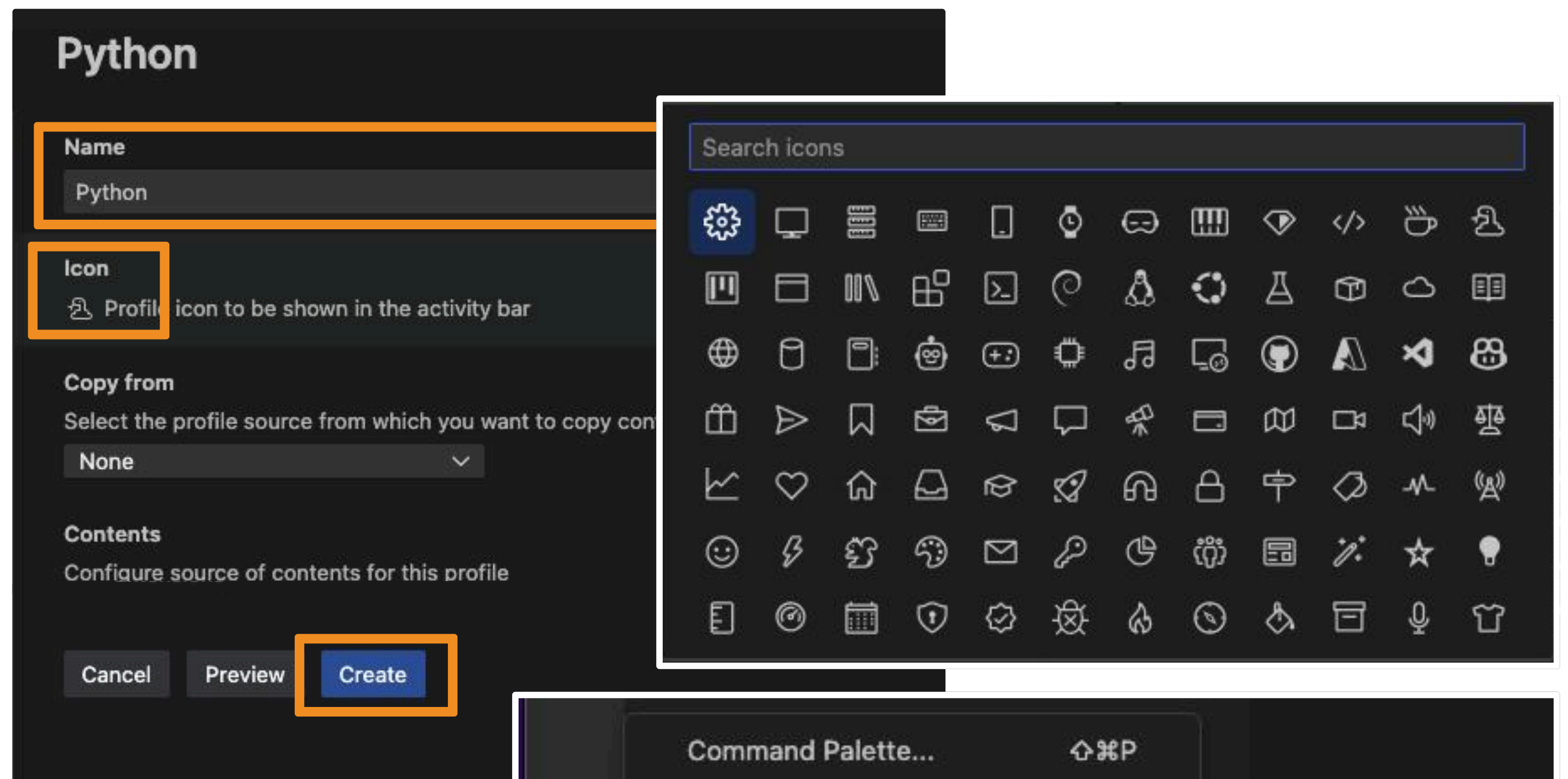


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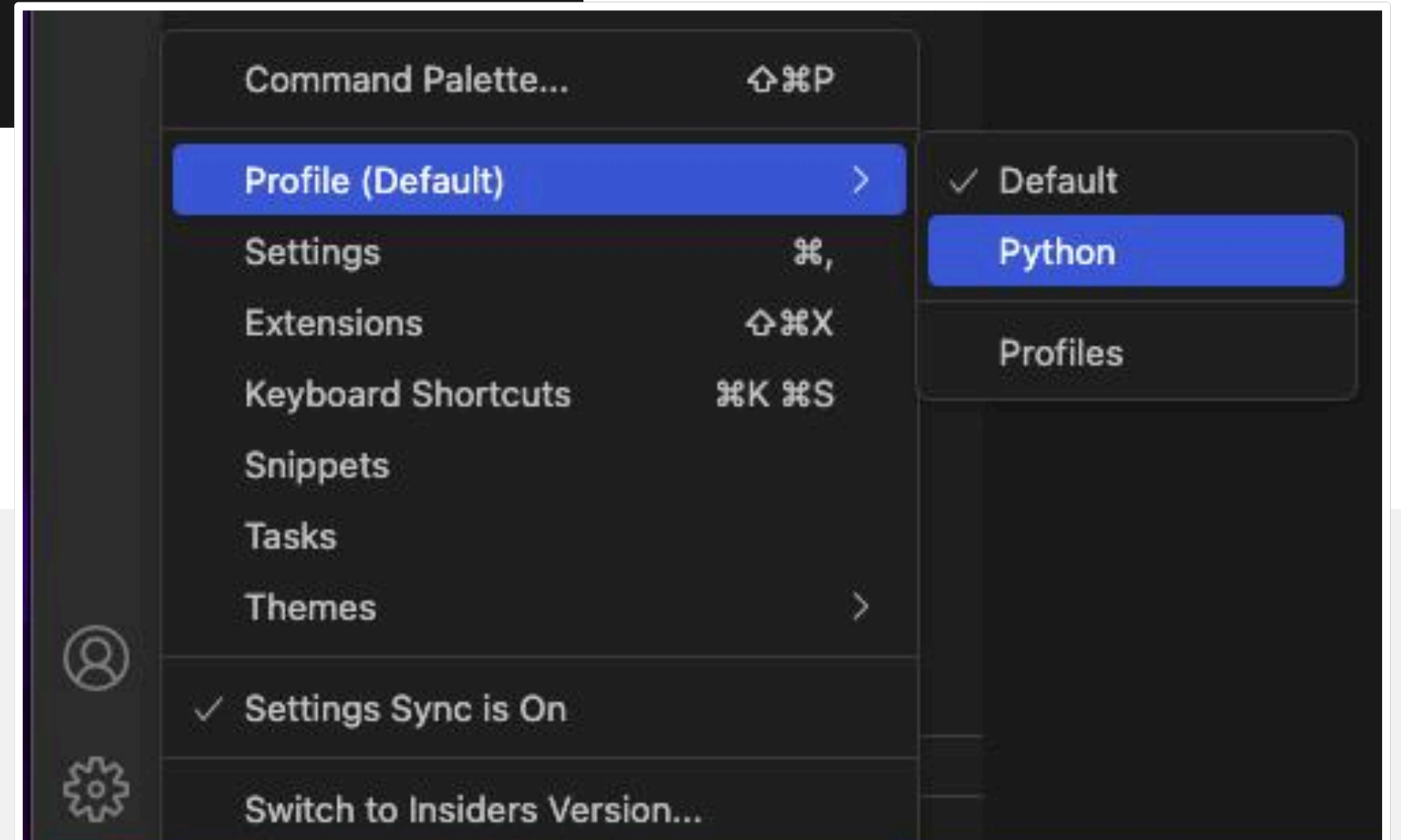
2. Set Up the Profile

- Select the **icon** to change it
- Press **Create**



3. Switch to the Python Profile

- Click the **Account** icon.
- Under **Profiles**, select **Python**.

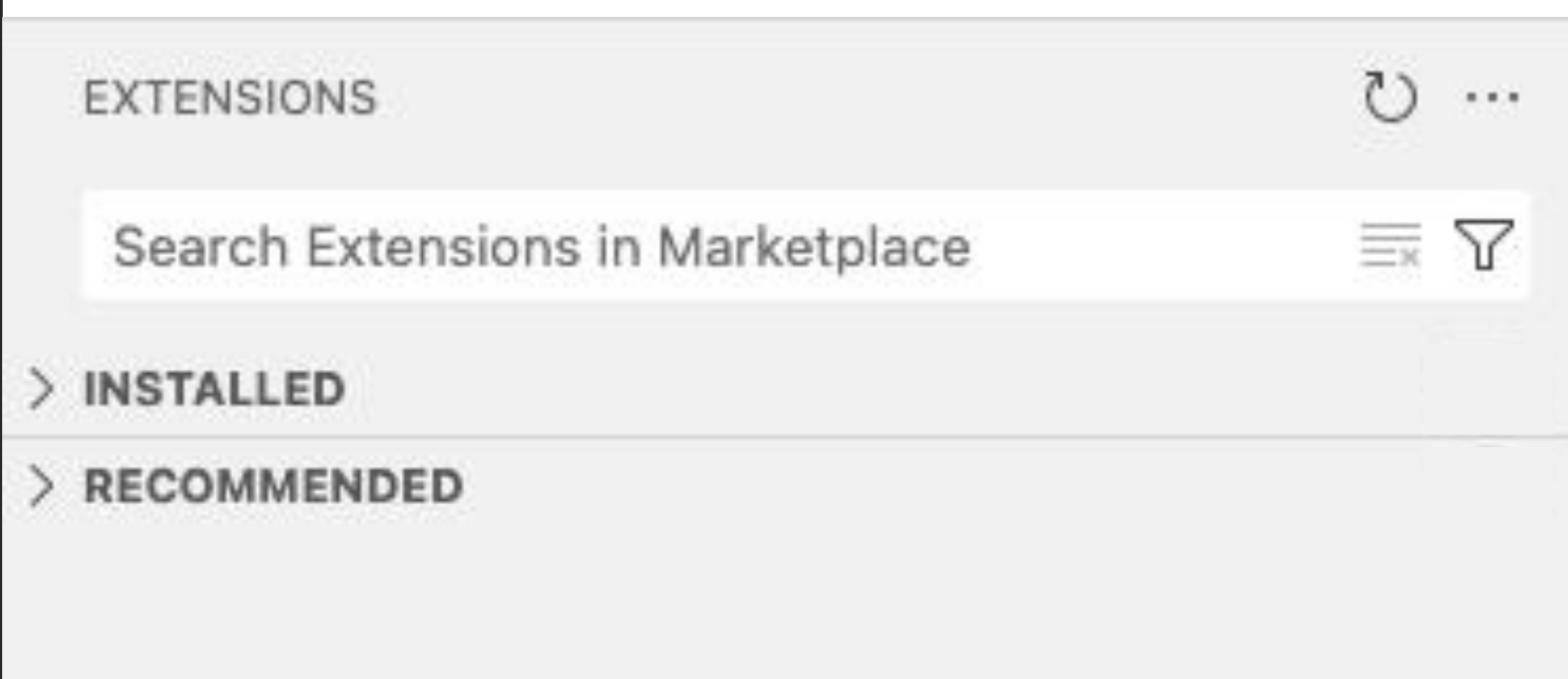


Why Create a Profile in VS Code?

- **Customisation for Different Workflows** – Profiles let you switch between different setups for specific tasks (e.g., *Python*, *Web Development*, or *Data Science*).
- **Minimal or Focused Workspaces** – Creating a profile without extensions helps keep the workspace clean, reducing unnecessary tools.
- **Experimentation & Testing** – You can test different configurations or extensions without affecting your main setup.
- **Multiple Accounts & Environments** – Useful if working with different organisations, projects, or coding styles.
- **Performance Optimisation** – A profile with fewer extensions can improve VS Code's speed for certain tasks.



Adding Extensions to a Profile



1. Open Extensions Marketplace

- Click on the Extensions icon in the left sidebar

2. Search and Install Extensions

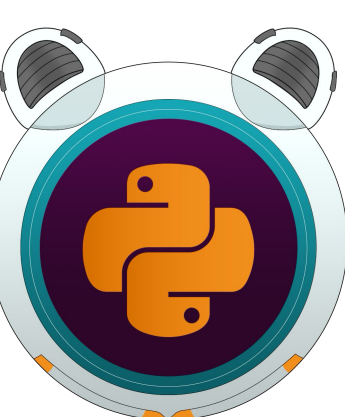
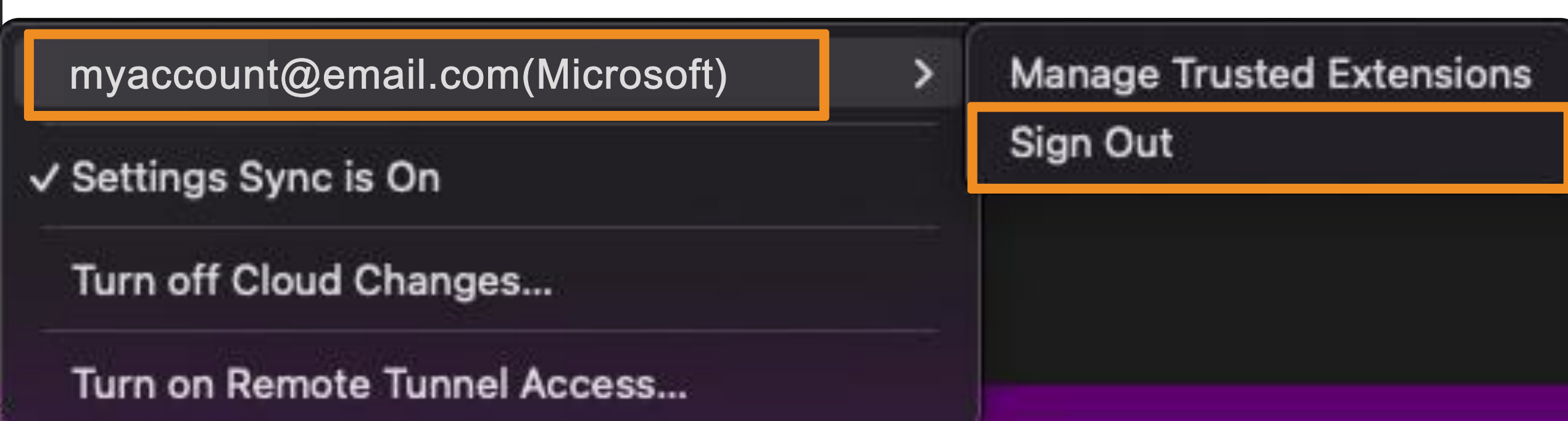
- Type the extension name in the search bar and click Install.

See Next Page for Extensions Needed.



Signing Out of VS Code

- Click on the **Account** icon in the **bottom-left** corner.
- Select **Sign out** of Microsoft Account.
- Confirm sign-out if prompted.





VS Code SetUp

EXTENSIONS

Search Extensions in Marketplace



> INSTALLED



AREPL for python

real-time python scratchpad
Almenon



Pylance

A performant, feature-rich language server for ...
Microsoft

208ms



Python

Python language support with extension access...
Microsoft

111ms



Python Debugger

Python Debugger extension using debugpy.
Microsoft

27ms



Markdown All in One

All you need to write Markdown (keyboard short...
Yu Zhang



Material Icon Theme

Material Design Icons for Visual Studio Code
Philipp Kief

10ms



colorize

A vscode extension to help visualize css colors i...
kamikillerto

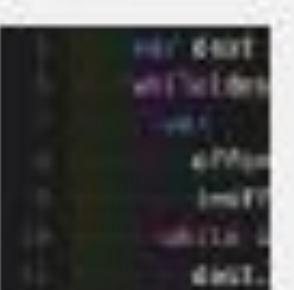
19ms



Rainbow CSV

Highlight CSV and TSV files, Run SQL-like queries
mechatroner

11ms



indent-rainbow

Makes indentation easier to read
oderwat

2ms



Prettier - Code formatter

Code formatter using prettier
Prettier

44ms



> RECOMMENDED

3. Recommended Extensions

These extensions are selected to enhance Python development, improve code readability, and streamline workflows in VS Code.

Must Install for Python

- Enables debugging features for Python scripts.
- Provides IntelliSense, linting, debugging, and Jupyter notebook support.
- Live preview of Python code execution in real-time.
- Enhances Python IntelliSense and improves performance.

Highly Recommended any Profile

- Adds colour and formatting to comments and numbering.
- Lets you identify files by the icons after putting in the suffix (.py, .txt, etc.)
- Highlights colour codes that specific colour so you can see what they are.
- Adds colours to different sections of code for better readability.

Optional for any Profile

- Visually distinguishes indentation levels for better readability.
- Formats code automatically for cleaner syntax.

