

# PYTHON MODULE

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Submitted to: Mr. Vikul sir

Batch no. SA2409031

DATE:7/01/2025

## *L2 - Install Visual Studio Code and Install Python and Terraform Extensions in VS Code*

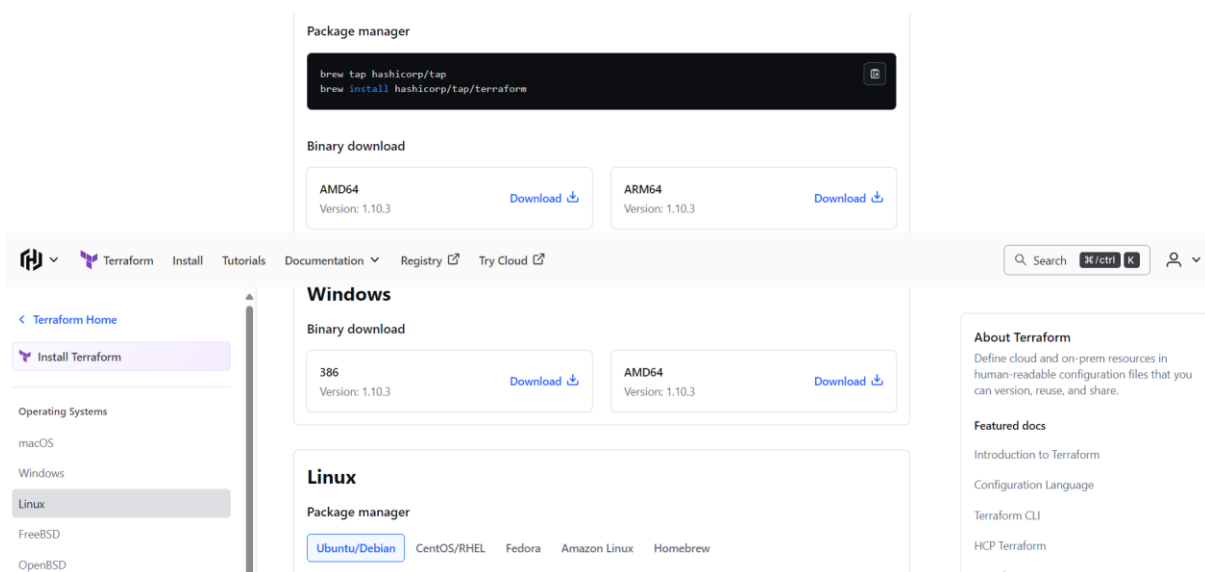
**STEP 1: INSTALL THE VISUAL STUDIO CODE**

**STEP2: INSTALL PYTHON**

**STEP3: INSTALL TERRAFORM**

**STEP 4: CHECK THE INSTALLED VERSION OF PYTHON AND TERRAFORM**

**STEP5: INSTALL EXTENTION OF PYTHON AND TERRAFORM IN VSC**



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### Install | Terraform - HashiCorp Developer

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## Terraform

Infrastructure software tool

Terraform is an infrastructure-as-code software tool created by HashiCorp. Users define and provide data center infrastructure using a declarative configuration language known as HashiCorp Configurati...

Wikipedia

**Original author(s)** Mitchell Hashimoto et al.  
**Developer(s)** HashiCorp  
**Initial release** 28 July 2014  
**Stable release** v1.10.3 / 18 December 2024  
**See more**

### Timeline

- 2014**  
Terraform is released as an open source project.
- 2016**  
Terraform 0.7 introduces new features like data sources, modules, and remote state.
- 2017**  
Terraform Enterprise, a commercial product, is launched.
- 2019**  
Terraform Cloud, a hosted service, is announced.

File Edit Selection ... Search

### EXTENSIONS: MARKETPLACE

PYTHON

- Python**  
Python language support with exte...  
Microsoft **Installing**
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- Python for VSCode**  
Python language extension for vsco...  
Thomas Haakon Townse... **Install** ⭐ 2
- Python Indent**  
Correct Python indentation  
Kevin Rose **Install** ⭐ 4
- autoDocstring - Pyt...**  
Generates python docstrings autom...  
Nils Werner **Install** ⭐ 5
- Python Extension P...**  
Popular Visual Studio Code extensio...  
Don Jayamanne **Install** ⭐ 4.5
- Python Environme...**  
View and manage Python environm...  
Don Jayamanne **Install** ⭐ 3.5
- Python Preview**  
Provide Preview for Python Executio...  
dongli **Install** ⭐ 4.5
- Python Extended**  
Python Extended is a vscode snippe...  
1.6M ⭐ 4

## Python

Microsoft microsoft.com | 150,692,014 | ⭐⭐

Python language support with extension access points f...

**Installing** ✓ Auto Update

### Python extension for Visual Studio Code

A Visual Studio Code extension with rich support for the Python language (for all **actively supported Python versions**), providing access points for extensions to seamlessly integrate and offer support for IntelliSense (Pylance), debugging (Python Debugger), formatting, linting, code navigation, refactoring, variable explorer, test explorer, and more!

### Support for vscode.dev

The Python extension does offer **some support** when running on **vscode.dev** (which includes **github.dev**). This includes partial IntelliSense for open files in the editor.

### Installed extensions

### Marketplace

Identifier	ms-python.python
Version	2024.22.1
Published	2016-01-19, 20:33:11
Last Released	2025-01-07, 06:01:55

### Categories

- Programming Languages
- Debuggers
- Data Science
- Machine Learning

### Resources


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
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**Terraform**  
Terraform configuration language s...  
Anton Kulikov


**HashiCorp Terraform**  
Syntax highlighting and autocompl...  
HashiCorp


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VS Code extension for developin...  
Microsoft


**Terraform Autocompl...**  
Autocomplete for AWS resources wi...  
erd0s


**Terraform doc snippets**  
Terraform code snippets (>8000) pu...  
Run at Scale

**Terraform Advanced...**  
Advanced Syntax Highlighting for al...  
Patrick Miravalle

**Terraform**  
Semantic highlighting support for T...  
Betajob

**Terraform Azure Aut...**  
Visual Studio Code extension to mo...  
Sisir Sagar

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Visual Studio Code extension to mo...  
Sisir Sagar



## HashiCorp Terraform

HashiCorp [hashicorp.com](#) | 4,640,111 | ★★

Syntax highlighting and autocompletion for Terraform

Disable Uninstall Switch to Pre-Release Version Auto

DETAILS FEATURES CHANGELOG

### Terraform Extension for Visual Studio Code

The HashiCorp Terraform Extension for Visual Studio Code (VS Code) with the Terraform Language Server adds editing features for Terraform and Terraform Stacks files such as syntax highlighting, IntelliSense, code navigation, code formatting, module explorer and much more!

### Quick Start

Get started writing Terraform configurations with VS Code in three steps:

- Step 1: If you haven't done so already, install Terraform
- Step 2: Install the Terraform Extension for Code.

Installation

Identifier hashicorp.terraform

Version 2.34.2

Last 2025-01-07,

Updated 14:03:51

Size 32.2 MB

Marketplace

Published 2016-02-12, 14:01:09

Last 2024-12-20,

Released 06:41:27

Categories

Programming Languages

Other Formatters


Linters


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
EXTENSIONS: MARKETPLACE


python


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**Python Environme...**  
View and manage Python environm...  
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Microsoft

Welcome

## Get Started with Python Development

Your first steps to set up a Python project with all the powerful tools and features that the Python extension has to offer!

☒ Open a Python project folder

Open or create a project folder.

Open Project Folder

Tip: Use keyboard shortcut **Ctrl + K** **Ctrl + O**

☐ Create a Python file

☐ Select or create a Python environment

☐ Run and debug your Python file

