

Django Web Framework

Django Installation

How to Install Django?

1. Make sure python latest version is installed on your system.
To check- open terminal/cmd and type- **python --version**
2. If python not installed, install it from here-
<https://www.python.org/downloads/>
3. Install Django using pip (use terminal or cmd)

Windows:

pip install Django

or

py -m pip install Django==5.0.6

we can also download a specific version of Django-

pip install Django==5.0.6

Linux / macOS:

python -m pip install Django==5.0.6

4. To check Django is correctly installed, check version-
Django-admin --version
Or
py -m django --version

Future Django Roadmap-**Future Roadmap**

Release Series	Release Date	End of mainstream support ¹	End of extended support ²
6.1	August 2026	April 2027	December 2027
6.0	December 2025	August 2026	April 2027
5.2 LTS	April 2025	December 2025	April 2028
5.1	August 2024	April 2025	December 2025

Additional:**Steps for Django Download-**

<https://www.djangoproject.com/download/>

We are going to use IDE for our Django Projects.

IDEs can significantly improve developer productivity. They can help you write code faster, catch errors more easily, and navigate complex projects more efficiently.

While you can technically use a simple text editor for Django development, IDEs offer a much richer and more efficient development experience.

We are going to use VS Code-

Visual Studio Code, often shortened to VS Code, is a popular free code editor developed by Microsoft. It's a great choice for beginners and experienced developers.

To download VS Code-

<https://code.visualstudio.com/download>

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