

# ■ Python Installation Guide (Beginner Friendly)

This guide explains how to install Python on your system step by step.

## Step 1: Download Python

1. Open your browser
2. Go to the official Python website:  
<https://www.python.org/downloads/>
3. Click **Download Python 3.x** (latest version)

## Step 2: Install Python (Windows)

1. Open the downloaded .exe file
2. Check the option **Add Python to PATH**
3. Click **Install Now**
4. Wait until installation is completed

## Step 3: Install Python (MacOS)

1. Open the downloaded .pkg file
2. Follow the installer steps
3. Python will be installed automatically

## Step 4: Install Python (Linux)

Run the following commands in terminal:

**sudo apt update**

**sudo apt install python3 python3-pip**

## Step 5: Verify Python Installation

Open Command Prompt / Terminal and run:

**python --version**

or

**python3 --version**

If installed correctly, you will see output like:

**Python 3.10.12**

## Step 6: Verify PIP Installation

**pip --version**

or

**pip3 --version**

## Step 7: Install Required Libraries (For This Project)

**pip install scikit-learn**

## Step 8: Run the Project

Open terminal in project folder and run:

**python main.py**