### **Installing Docker and Docker Compose on Ubuntu**

### **1. Docker Engine**

To build and run containers.

Install with:

bash

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sudo apt update

sudo apt install -y docker.io

sudo systemctl enable docker

sudo systemctl start docker

### **2. Docker Compose v2 Plugin**

To run docker compose commands.

Install with:

bash

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1. mkdir -p ~/.docker/cli-plugins/
2. curl -SL https://github.com/docker/compose/releases/download/v2.24.6/docker-compose-linux-x86\_64 -o ~/.docker/cli-plugins/docker-compose
3. chmod +x ~/.docker/cli-plugins/docker-compose

Test with:

bash

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docker compose version

You should see:

mathematica

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Docker Compose version v2.24.6

## **✅ Optional (Recommended)**

### **Add your user to the Docker group:**

So you can run Docker commands without sudo:

bash

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sudo usermod -aG docker $USER

newgrp docker