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/docke
   r-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
```