

Depth Anything V2 Monocular Depth Estimation (Explanation and Real-Time Demo)

Setup Environment

```
git clone https://github.com/DepthAnything/Depth-Anything-V2
cd Depth-Anything-V2
py -3.11 -m venv env3_11
.\env3_11\Scripts\activate
pip install -r requirements.txt
```

Download Weights

Download weights listed in their README

Model	Params	Checkpoint
Depth-Anything-V2-Small	24.8M	Download
Depth-Anything-V2-Base	97.5M	Download
Depth-Anything-V2-Large	335.3M	Download
Depth-Anything-V2-Giant	1.3B	Coming soon

Create checkpoints folder and place the weights in that folder

Run Code

Move depth-anything-v2.py into the repo folder. Select the virtual environment and run the file.