



How To Run

1. Code Structure

All code are under `project` folder, which contains 4 files:

- `data.py` : Data and its configuration.
- `model.py` : Model and its configuration.
- `train.py` : Training and evaluation.
- `main.py` : Main function to run the project.

2. Requirements

Python 3.12 (Python3.13 is not supported)

Install the requirements:

```
pip install -r requirements.txt
```

This whole project run approximately **30 hours** on 1 x RTX 3070 (16GB RAM) x16 vCPU 31 GB RAM

3. See the Results

After running the code, there will be a folder `./running` , it contains the training logs and the checkpoint files. logs are saved in `./running/logs` .

run `tensorboard --logdir=./running/logs` and open the url in browser to see the logs.

Dut to the training time is relatively long, I have provided an online version of the logs, access it [here](#) (only me can modify the logs, but you can see the results).

Also logs.zip is provided.