**One-in-All Framework Usage for Zero-shot Forecasting**

**Usage Details:**

1. All datasets (M3 and M4) were processed on a single A100 GPU, encompassing yearly, quarterly, and monthly data. We employed cross-domain data for training and testing the model, where M3 data was used for training, and M4 data for testing, and vice versa.
2. You can obtain all the benchmarks from:

<https://github.com/rakshitha123/TSForecasting>

1. To train and evaluate the model, use the experimental scripts provided for each dataset and rank (2 to 1024) in the ./scripts folder. To reproduce the m3\_to\_m4 results, navigate to ./scripts/ m3\_to\_m4/GPT2\_rsLoRA\_rank2 and run:

python3 GPT2\_rsLoRA.py

Ensure correct paths for main\_test.py, source dataset, and test dataset folders for an error-free run. Trained models are automatically saved in ./checkpoints folder. Repeat similar steps for other ranks and datasets. For yearly data, follow the provided example; repeat for quarterly and monthly datasets.

A screenshot of a computer code

Description automatically generated