Manual for running the application

1. The project folder is as below, once downloaded.

A screenshot of a computer

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* data folder has the input data files
* output folder would save the training models and the results
* 4 code files
  + main.py – We call this file to run the application, train the model.
  + m5\_data\_preparation.py – data preparation module
  + m5\_training\_pipeline.py – this has model architecture, training module etc.
  + streamlit\_app.py – We run this file to visualize results
* config.yaml – To configure level, epochs, and other parameters

1. To run the application
   1. Step 1 – Create a conda environment
   2. Step 2 – Activate conda environment
   3. Step 3 – Run python -r requirement.txt to install necessary libraries
   4. Step 4 – Set up the configuration file with the respective model\_level (1 to 12)A screenshot of a computer

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   5. Step 5 – Run **python main.py** to train the model
   6. Step 6 – **Run streamlit run streamlit\_app.py** to visualize plots
   7. Step 7 – Select dropdowns, zoom in to analyze the forecasted time series.

A graph with green and red lines

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