Tool: Jupyternotebook

Final output.ipynb: Combine the grid weather and observed weather.csv for the first two day of May in 2018 and match them with the air quality station.

5002Preprocess_grid.ipynb: Calculate the distance between the stations and pair up the closest weather station and air quality station.

Model.ipynb: XGboost model, which outputs the final submission. csv

LSTM_aotizhongxin(scaled)-201804all_finalLast.ipynb: LSTM model trial

april-june.ipynb.ipynb: Split the data from April to June in 2017 from the whole dataset.

gridob04-06.ipynb: Data preprocessing for both gridweather and observed weather from April to June

air1704_1706.ipynb: Data preprocessing for air quality station data from April to June