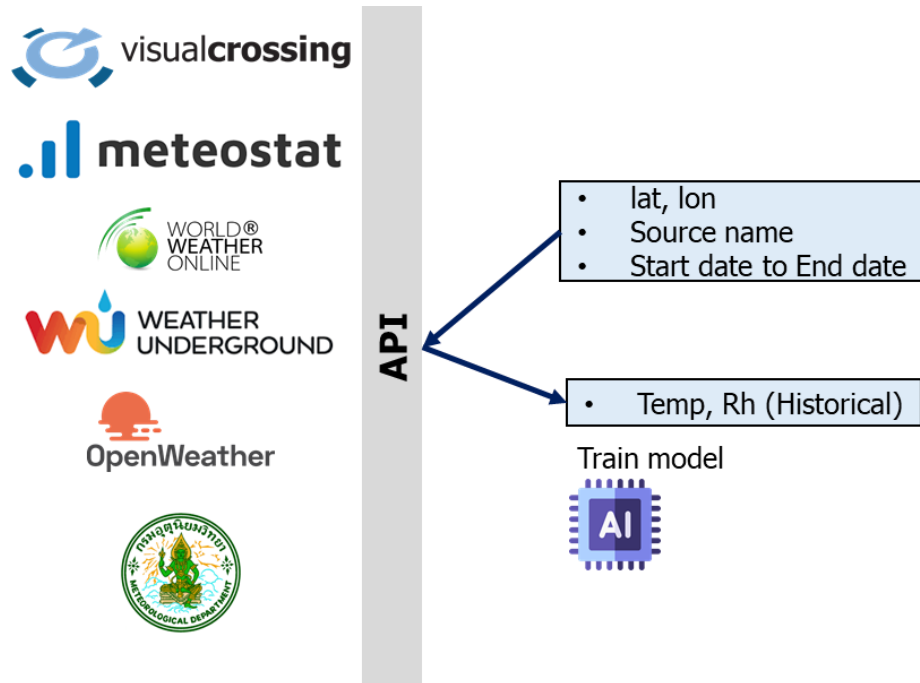
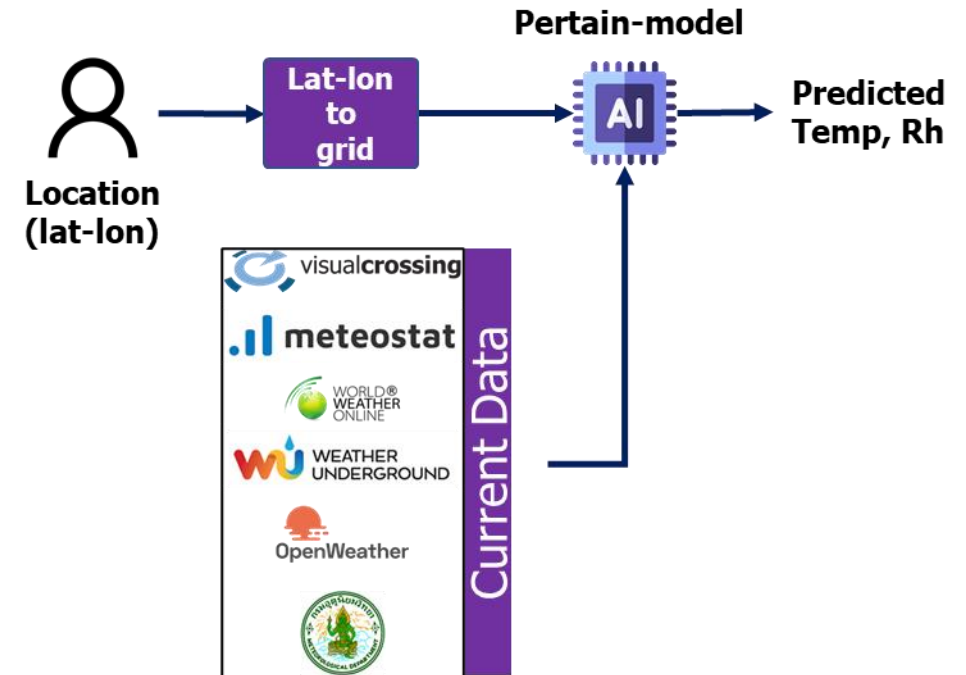


Training model



Real-time Prediction

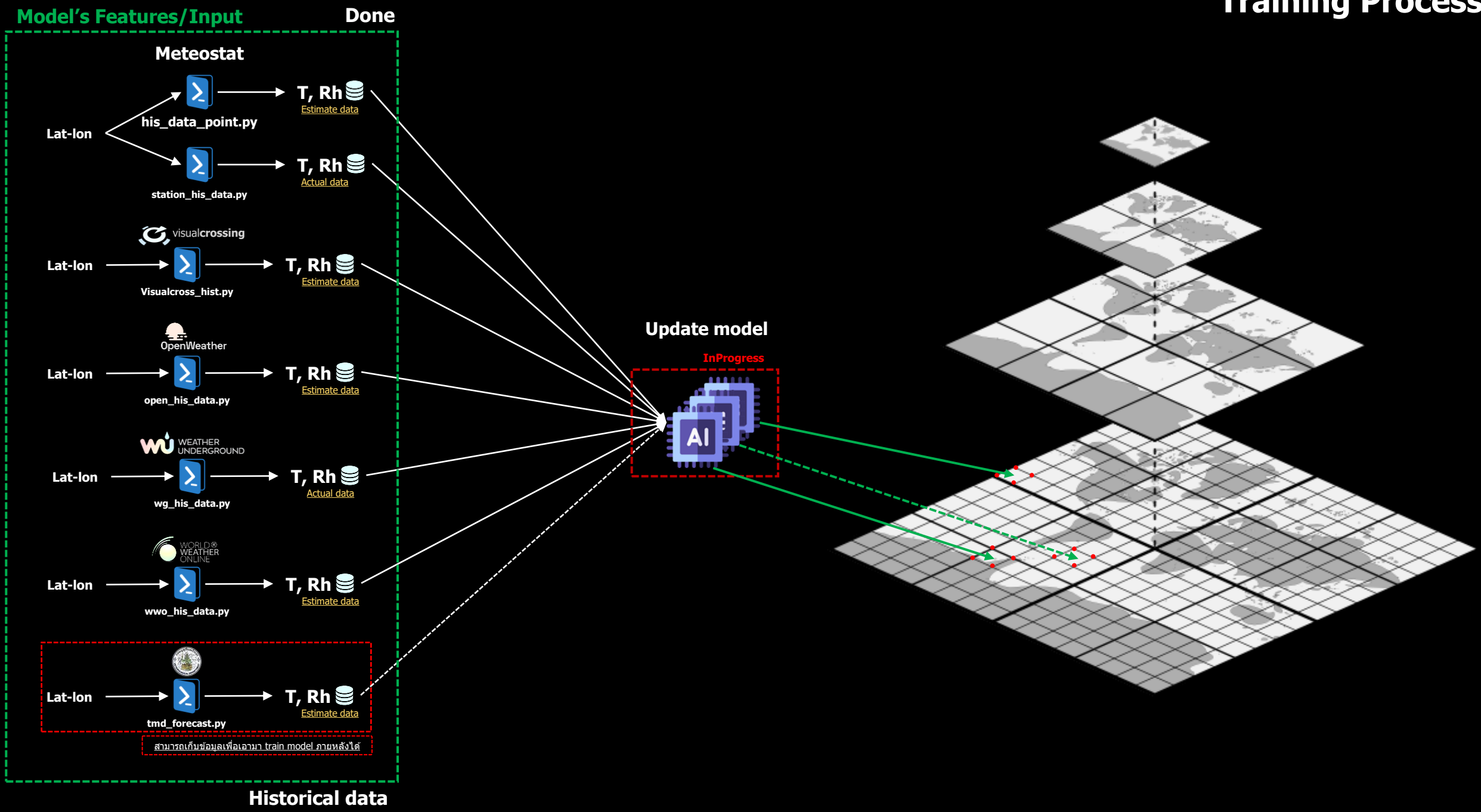


GitHub: https://github.com/SukritJaIproject/weather_api

Google Colab: <https://colab.research.google.com/drive/1jN9PQjwhKO2xiZcnYNwovau26v-ojEyg?usp=sharing>

Dataset: https://drive.google.com/drive/folders/1IK36-94dYoYeX2K1xfx1qqHDFZ_o3yKU?usp=sharing

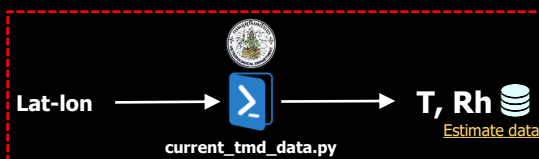
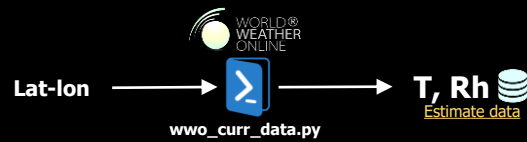
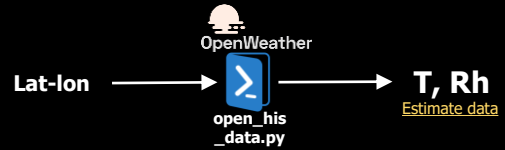
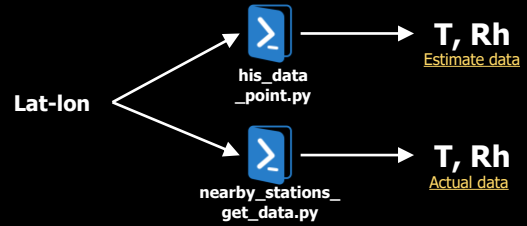
Training Process



Real-time Process

Done

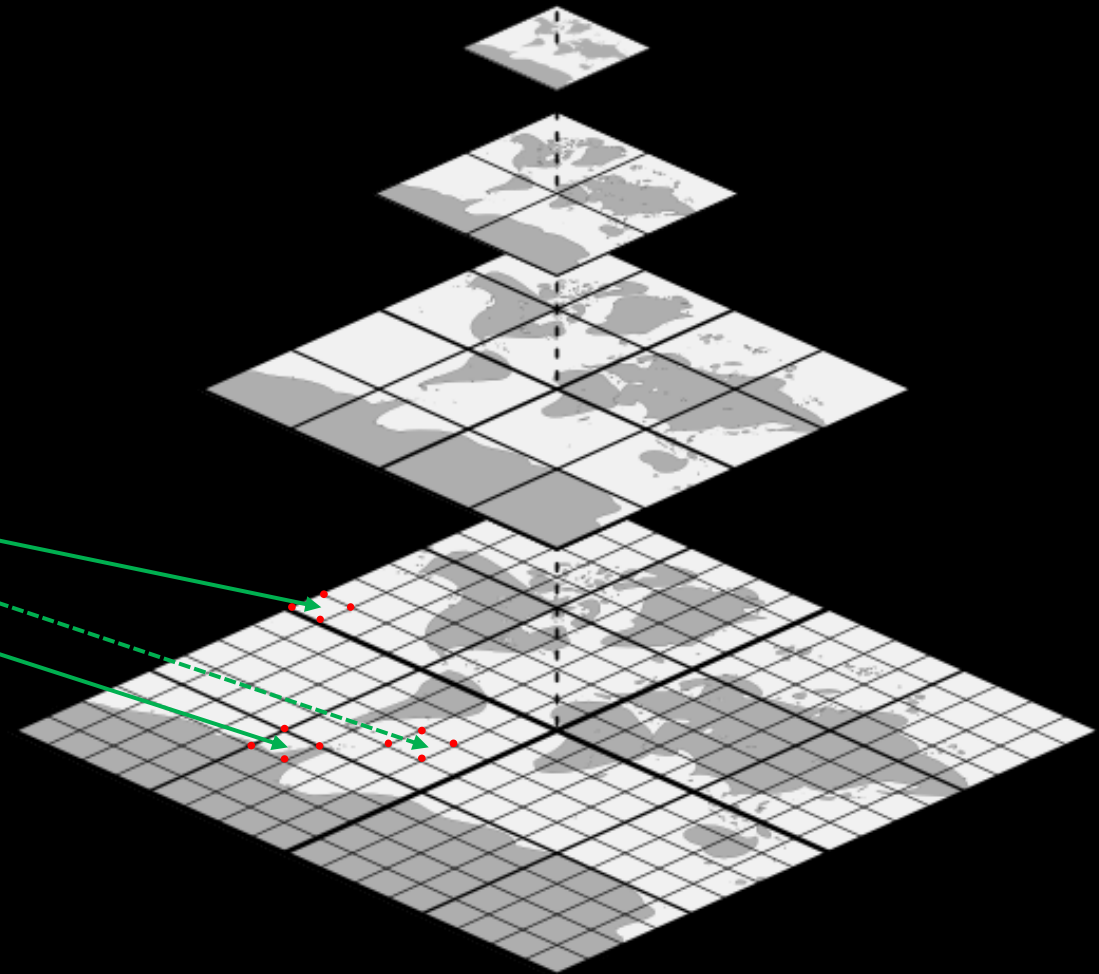
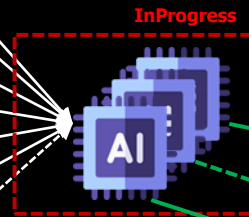
Meteostat

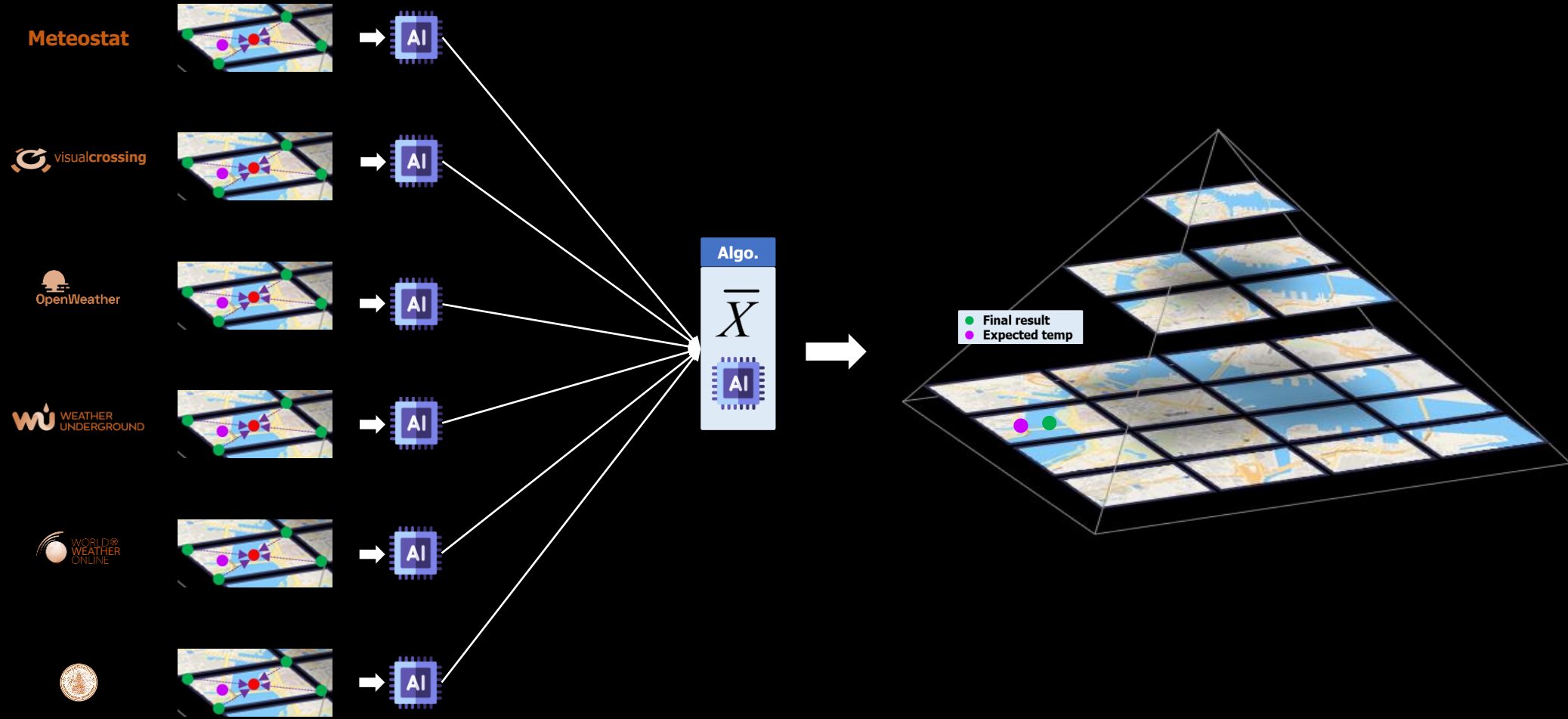


สามารถเก็บข้อมูลเพื่อเอามา train model ภายหลังได้

Current data

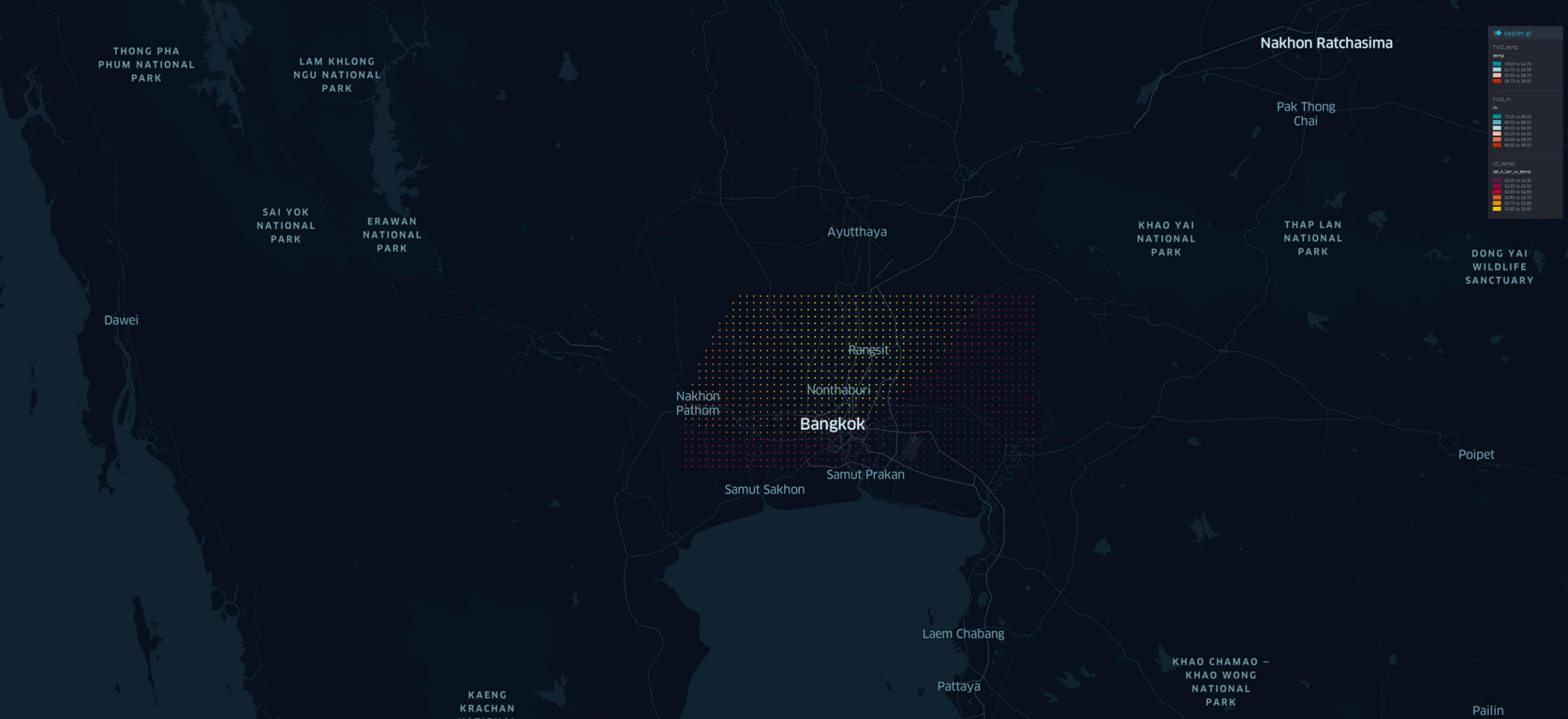
Pre-trained model







The screenshot shows the Kepler.gl interface with two data layers. The first layer, 'TMD_temp', is a heatmap showing temperature ranges: 19.00 to 24.70 (light blue), 24.70 to 25.55 (medium blue), 25.55 to 26.70 (orange), and 26.70 to 29.50 (dark orange). The second layer, 'TMD_rh', is a heatmap showing relative humidity ranges: 75.00 to 86.00 (light blue), 86.00 to 89.00 (medium blue), 89.00 to 92.00 (orange), 92.00 to 94.00 (dark orange), 94.00 to 96.00 (light blue), and 96.00 to 99.00 (dark blue). The map area is mostly black, indicating no data is currently displayed.



kepler.gl

TVQ2_temp

temp

- 15.00 to 24.70
- 24.70 to 25.70
- 25.70 to 26.70
- 26.70 to 29.50

TVQ2_m

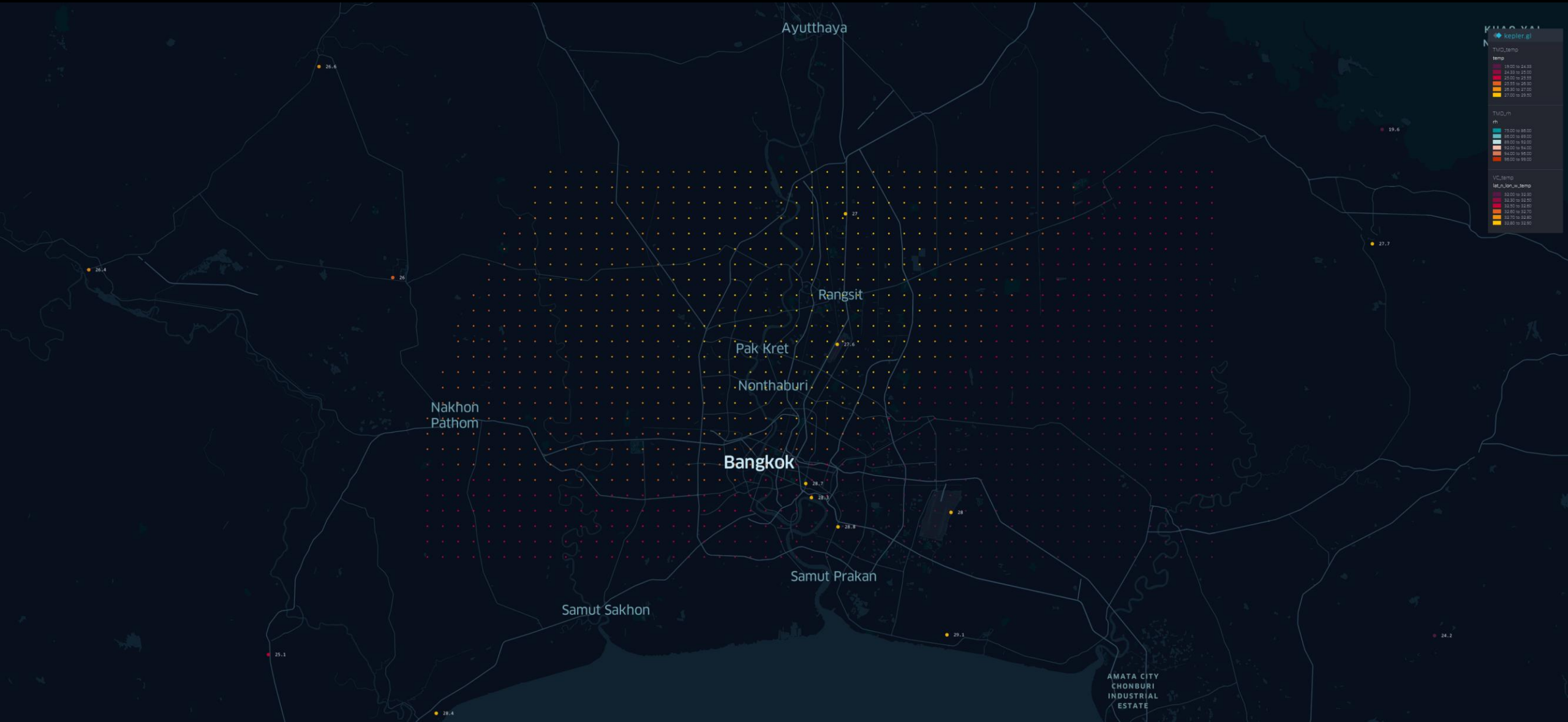
m

- 75.00 to 85.00
- 85.00 to 90.00
- 90.00 to 92.00
- 92.00 to 94.00
- 94.00 to 96.00
- 96.00 to 99.00

TVQ2_temp

lat_n_temp

- 32.00 to 32.00
- 32.00 to 32.00
- 32.00 to 32.00
- 32.00 to 32.00
- 32.00 to 32.00
- 32.00 to 32.00



Test site : EECU

```
openweather_api: datetime: 2022-04-23 17:04 Temp: 36.0875 Rh: 46.25
meteostat actual: datetime: 2022-04-23 17:00:00 Temp: 33.8 Rh: 57.0
meteostat predict: datetime: 2022-04-23 17:00:00 Temp: 33.8 Rh: 57.0
Visualcrossing: datetime: 16:00:00 Temp: 34.9 Rh: 49.885
wwo: datetime: 2022-04-23 17:04:10 Temp: 36.0 Rh: 43.0
{'Estimate_temp&rh': [34.9175, 50.626999999999995], 'Actual': {'lat': 13.92846, 'lon': 99.985649, 'mean temp': 33.25, 'mean rh': 62.75}}
```