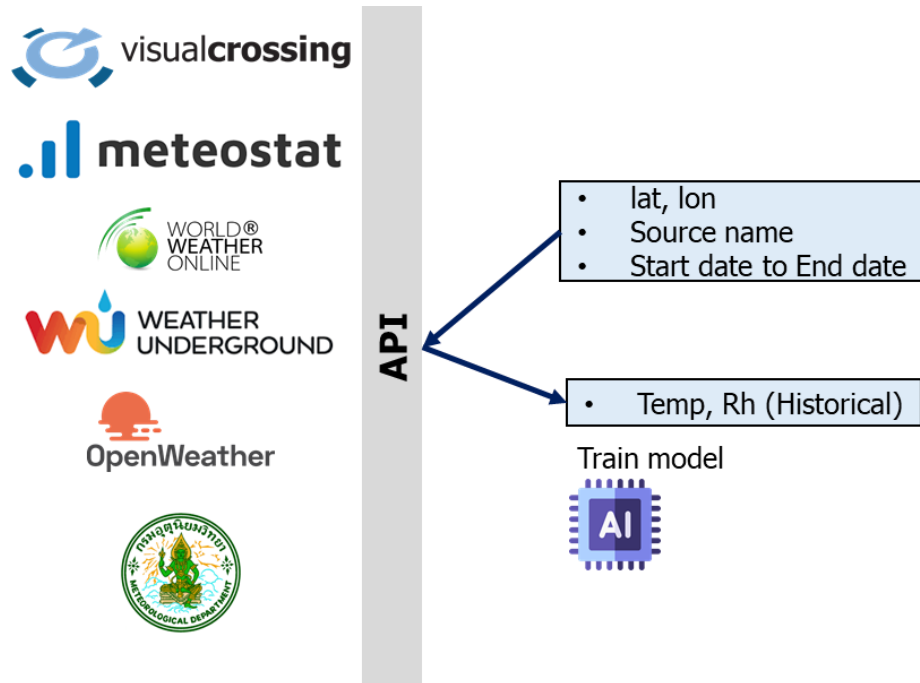
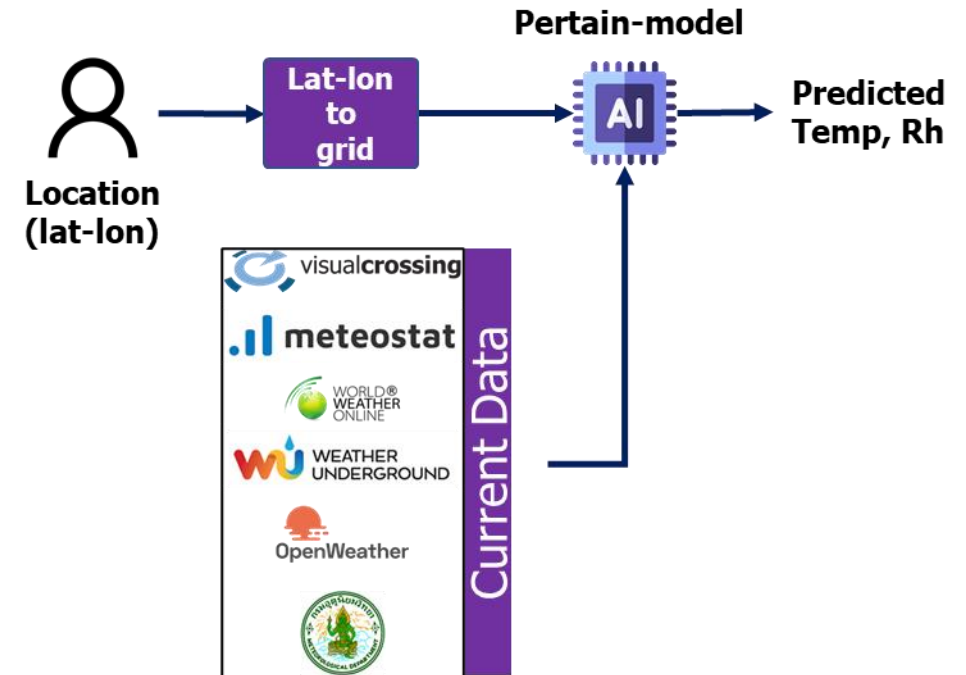


Training model



Real-time Prediction

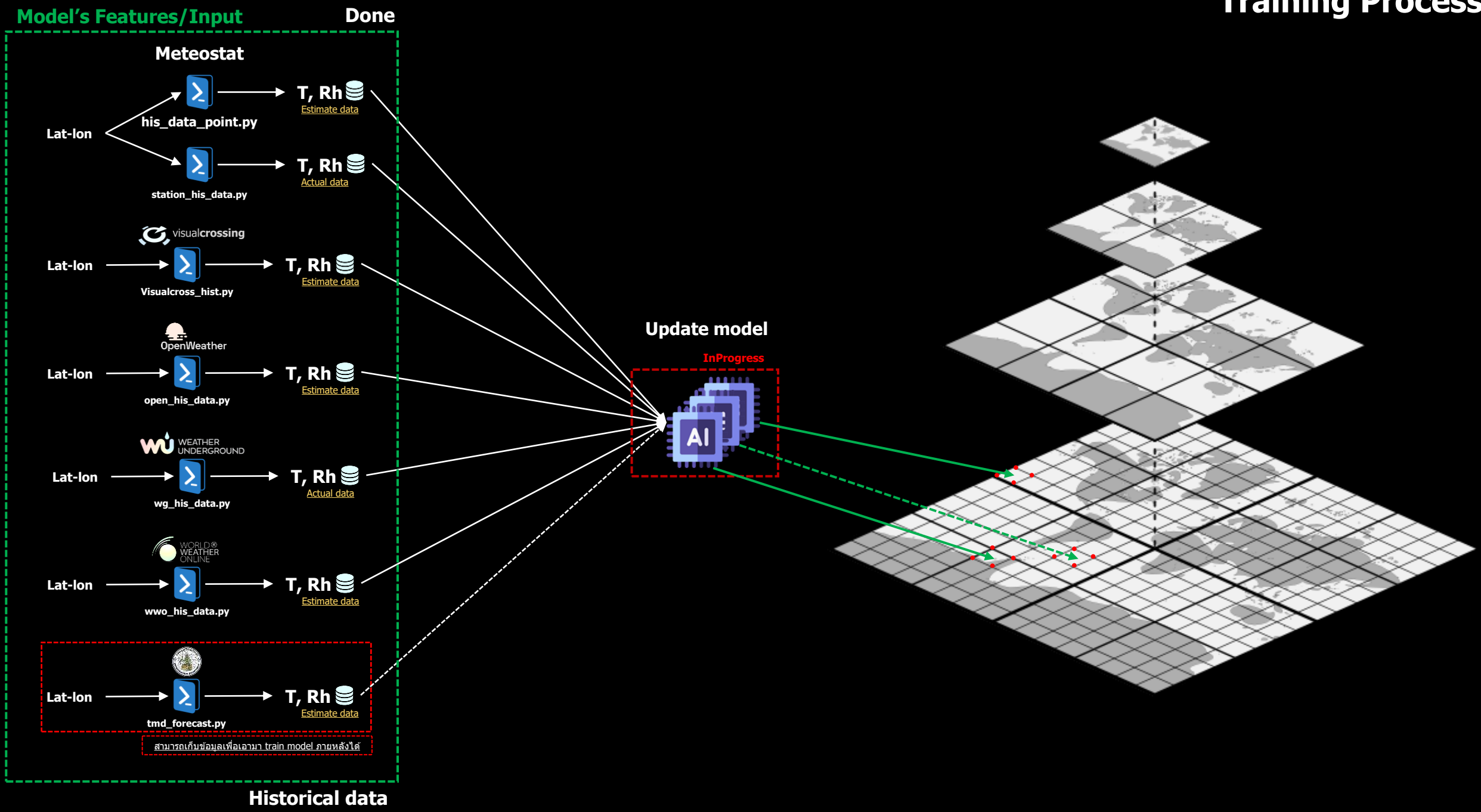


GitHub: https://github.com/SukritJaIproject/weather_api

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

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

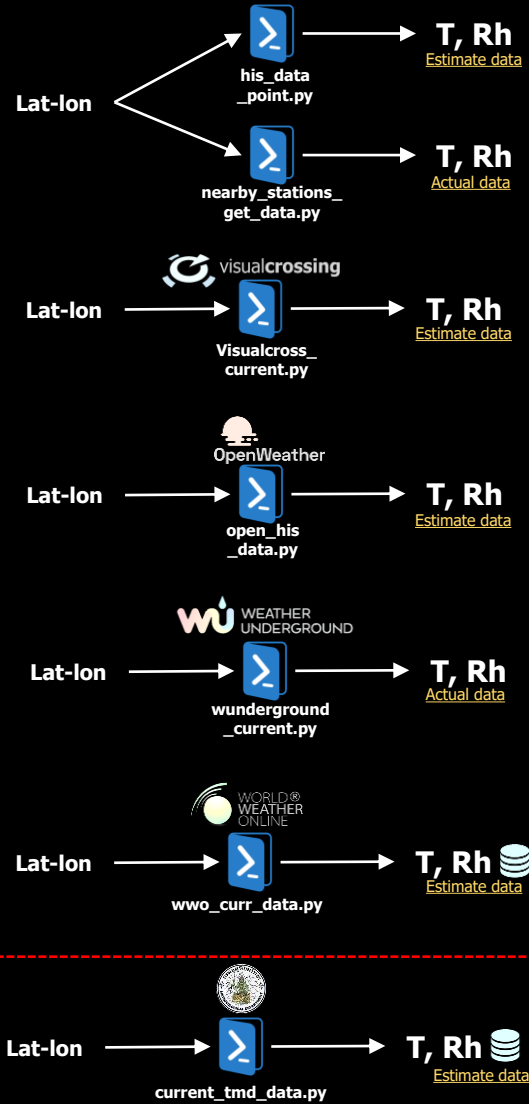
Training Process



Real-time Process

Done

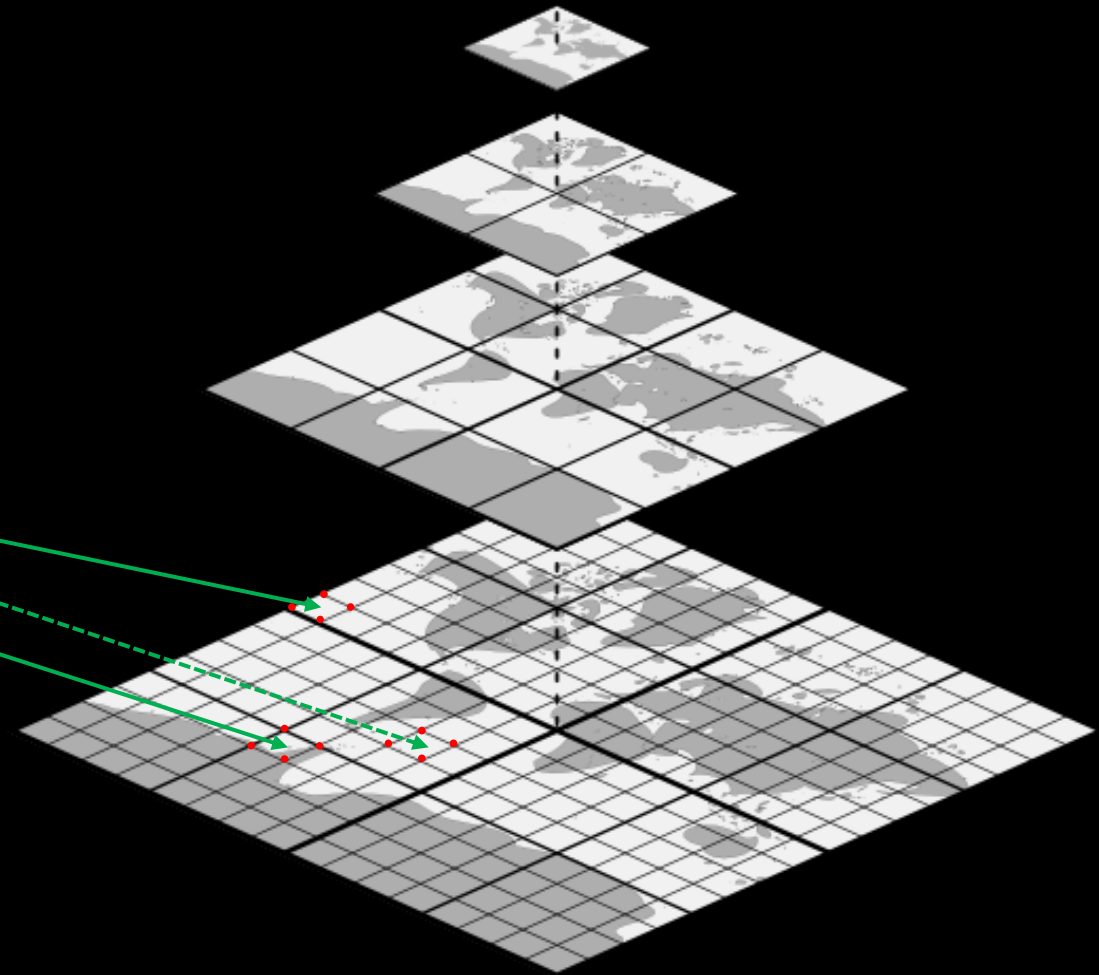
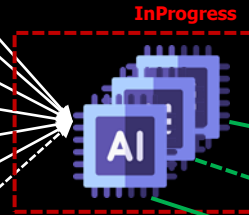
Meteostat

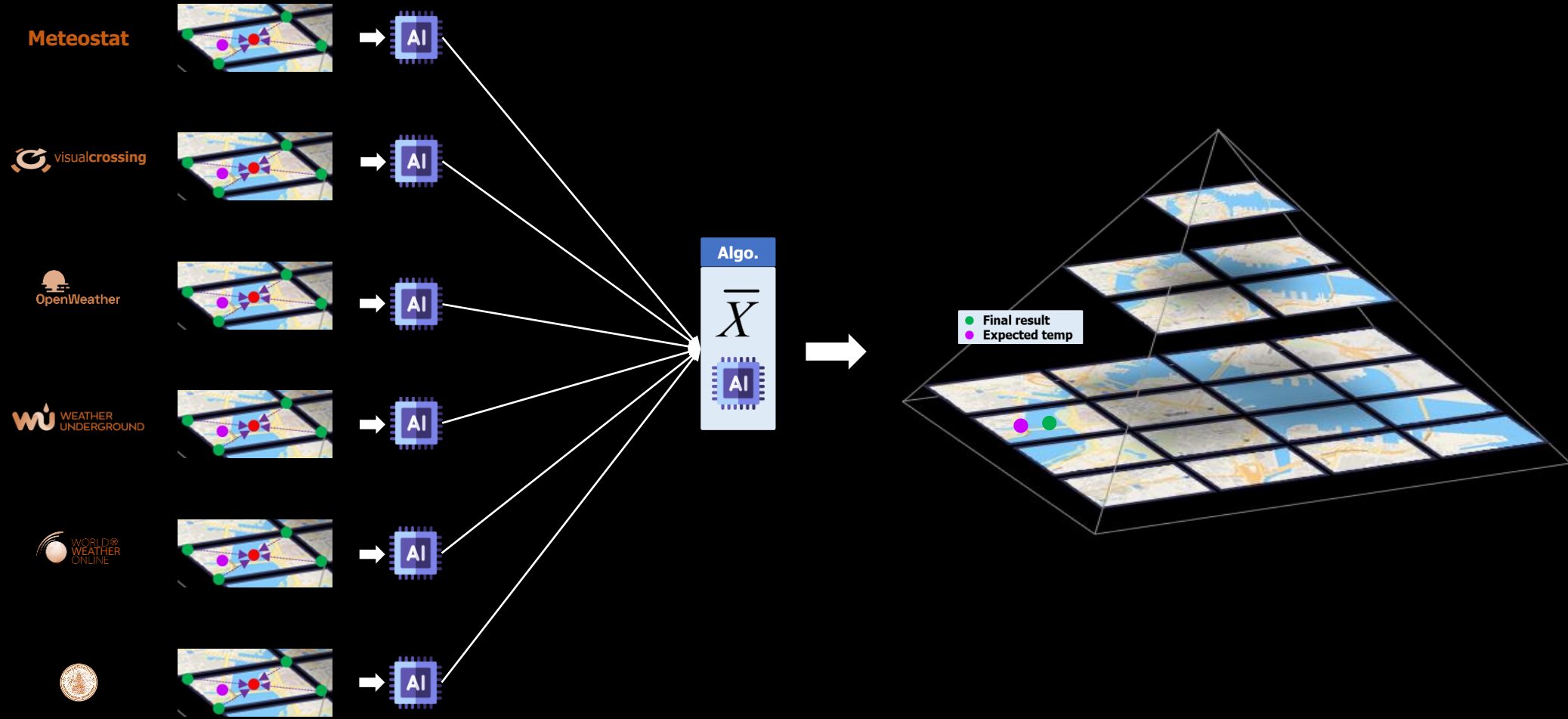


สามารถเก็บข้อมูลเพื่อเอามา train model ภายหลังได้

Current data

Pre-trained model





Test site : EECU

openweather_api: Temp: 30.495 Rh: 30.495

meteostat actual: Temp: 29.0 Rh: 81.0

meteostat predict: Temp: 33.3 Rh: 58.0

Visualcrossing: Temp: 30.0 Rh: 74.62

wwo: Temp: 37.0 Rh: 36.0

Actual {'lat': 13.92846, 'lon': 99.985649, 'mean temp': 29.25, 'mean rh': 84}

{'Estimate_temp&rh': [31.959000000000003, 64.724], 'Actual': {'lat': 13.92846, 'lon': 99.985649, 'mean temp': 29.25, 'mean rh': 84}}