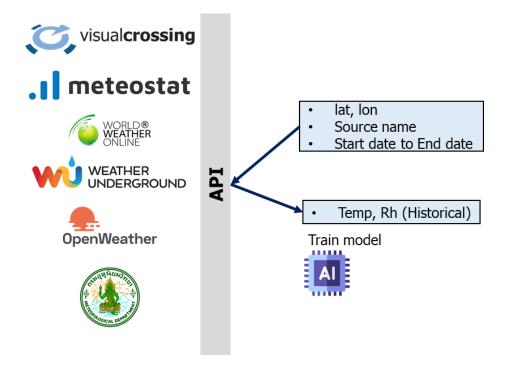
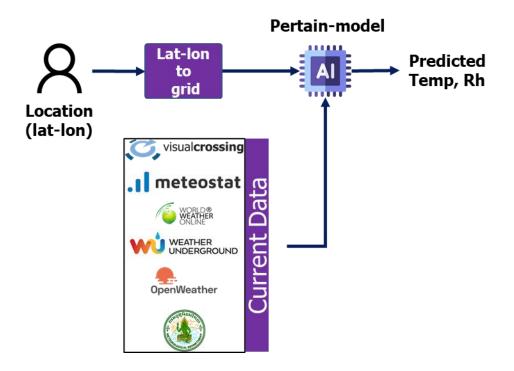
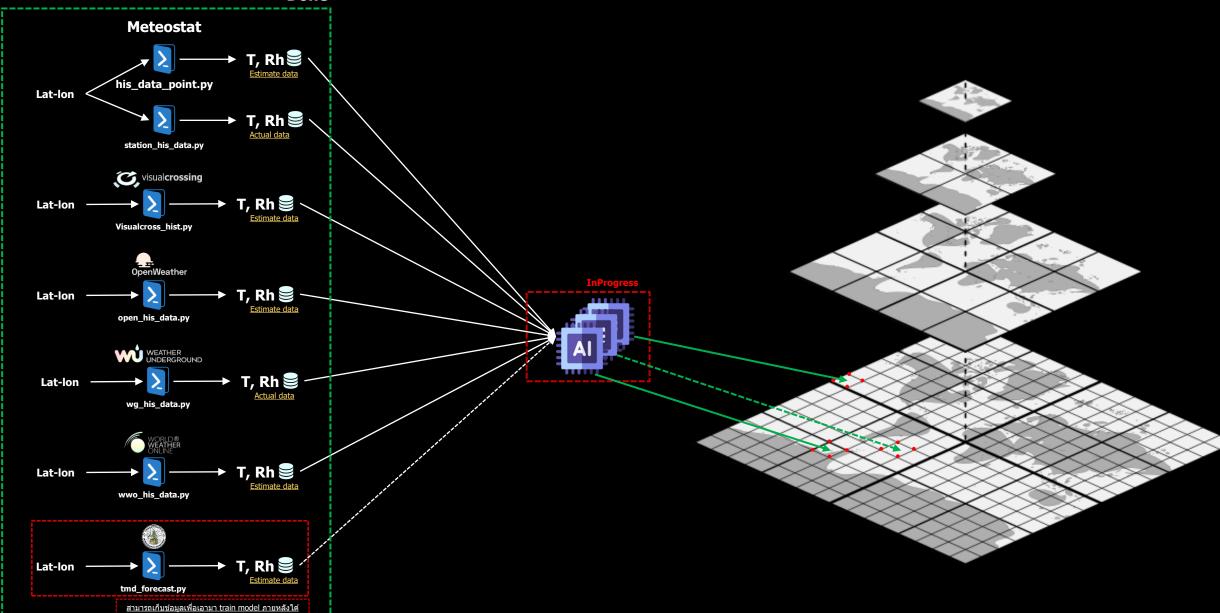
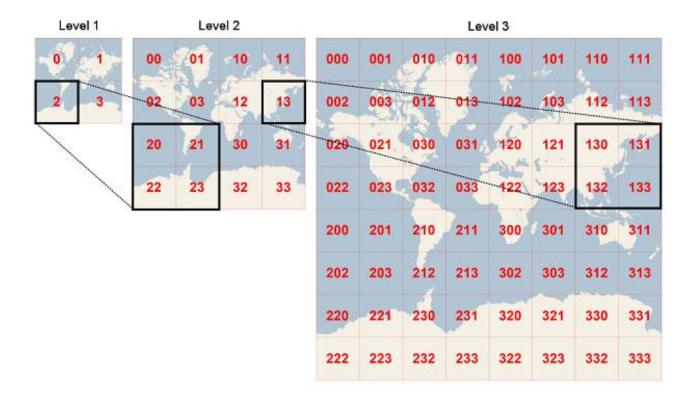
Training model



Real-time Prediction





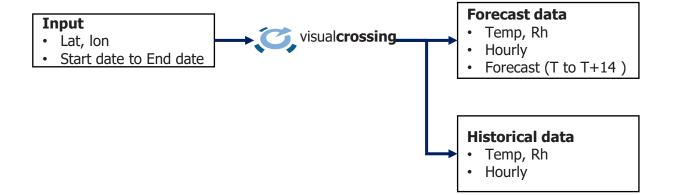


API	Forecast Data	Historical Data	Current/Real- Time Weather	Pricing	Number of Free Requests	
OpenWeatherMap	Yes	No	Yes	Free	Unlimited	
Weatherbit	Yes	No	Yes	Freemium	150 per day	
AccuWeather	Yes	No	Yes	Free Trial	50 per day	
Dark Sky	Yes	Yes	No	Freemium	100 per month	
Weather2020	Yes	No	No	Freemium	1000/day	
Tomorrow.io (formerly ClimaCell)		No	Yes	Freemium	100/day	
Visual Crossing	Yes	Yes	Yes	Freemium	500/month	
AerisWeather	Yes	Yes	Yes	Freemium	100/day	

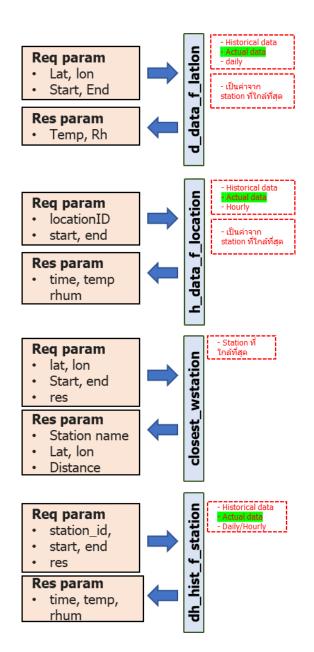
Weather by Latitude and Longitude

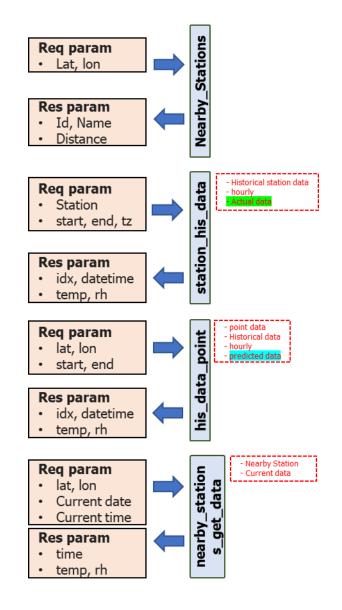
- OpenWeatherMap
- Weatherbit
- Dark Sky





meteostat





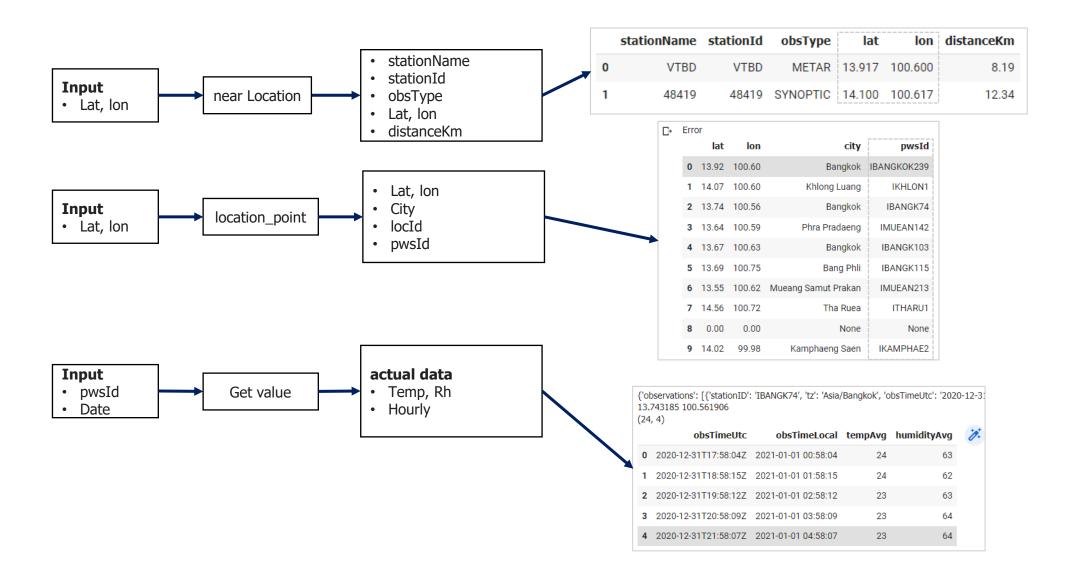
Meteostat



Script	Function name	Req param	Res. param	Desc.
helper_func	h_data_f_location (historical data from location)	locationIDstart, end	time, temp, dwpt, rhum, prcp, wdir, wspd, pres, coco	 Historical data, Hourly Get data from locationID Actual data
	d_data_f_latlon (daily data from lat-lon)	lat, lonstart, end	 date, tavg, tmin, tmax, prcp, wdir, wspd, pres 	Historical datadailyGet data from lat-lonActual data
	closest_wstation (closest weather station)	 lat, lon start_date, end_date res	 station name Lat-lon Distance	closest weather stationdaily, hourly
	<pre>dh_hist_f_station (daily/hourly from station)</pre>	station_id,start, endres	• time, temp, rhum	Historical dataDaily/HourlyGet data from station_idActual data
nearby_station	Nearby_Stations (nearby stations)	• lat, lon	 Id, Name Distance	• 10 nearby Stations
station_his_data	station_his_data (historical station data)	Stationstart, endtz	idx, datetimetemp, rh	Historical station hourly dataGet data from stationActual data
his_data_point	his_data_point (historical data point)	 lat, lon start, end api_key	idx, datetimetemp, rh	point data,Historical hourly datapredicted data
nearby_stations_ get_data	nearby_stations_get_data (nearby stations to get data)	lat, lonapikey,current_date,current_time	timetemp, rh	Nearby StationCurrent dataActual data









Current weather data

Access current weather data for any location on Earth including over 200,000 cities! We collect and process weather data from different sources such as global and local weather models, satellites, radars and a vast network of weather stations. Data is available in JSON, XML, or HTML format.

Historical weather data

To learn about how get access to historical weather data for the **previous 5 days**, please use this section of the documentation.



	datetime	sname_en	sname_th	Lat	Lon	temp	rh	
0	31/3/2022 16:54:44	แม่ฮ่องสอน	MAE HONG SON	19.2990	97.9758	25.0	76.0	
1	31/3/2022 16:54:44	แม่สะเรียง	MAE SARIANG	18.1667	97.9333	23.0	87.0	
2	31/3/2022 16:54:44	เชียงราย	CHIANG RAI	19.9614	99.8814	23.3	95.0	
3	31/3/2022 16:54:44	เชียงราย สกษ.	CHAING RAI AGROMET.	19.8708	99.7828	22.8	95.0	
4	31/3/2022 16:54:44	พะเยา	PHAYAO	19.1333	99.9000	23.5	96.0	
123	31/3/2022 16:54:44	หาดใหญ่	HAT YAI AIRPORT	6.9167	100.4333	25.2	97.0	
124	31/3/2022 16:54:44	สตูล	SATUN	6.6500	100.0833	24.7	97.0	
125	31/3/2022 16:54:44	ปัตตานี	PATTANI AIRPORT	6.7833	101.1500	25.1	92.0	
126	31/3/2022 16:54:44	ยะลา สกษ.	YALA AGROMET.	6.5167	101.2833	24.9	97.0	
127	31/3/2022 16:54:44	นราธิวาส	NARATHIWAT	6.4167	101.8167	25.5	88.0	
128 rows × 7 columns								

Test site