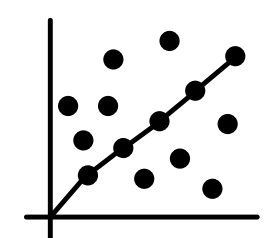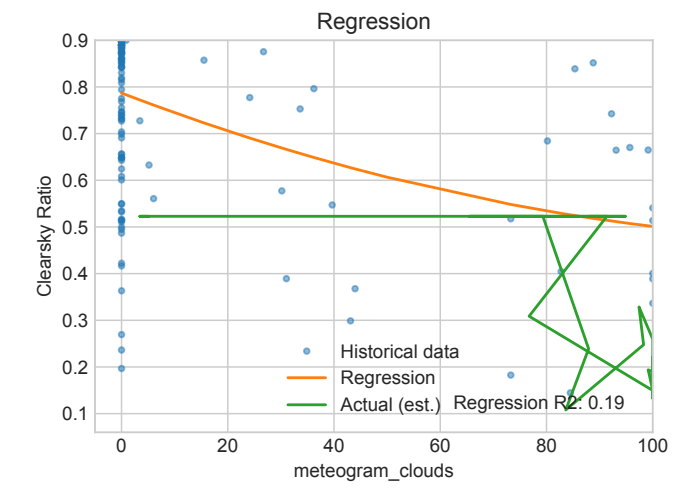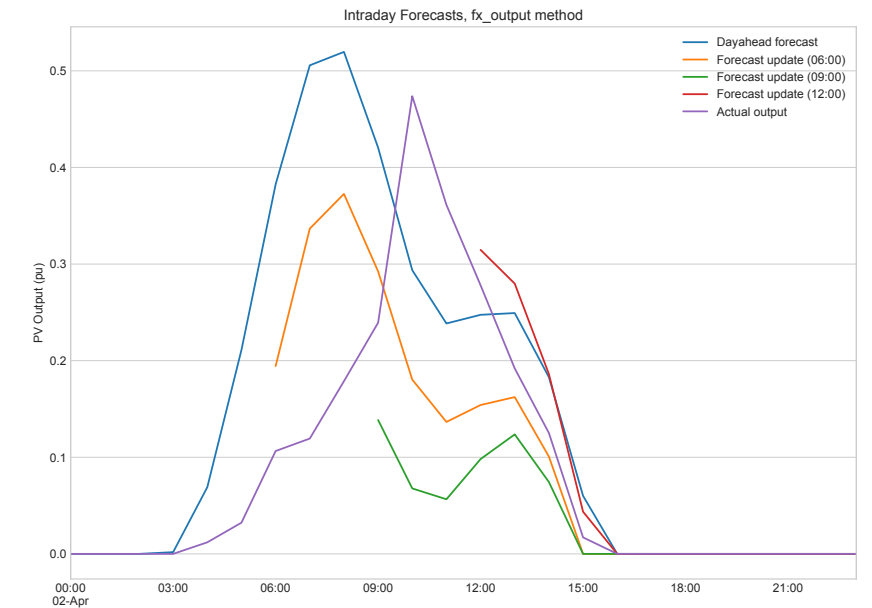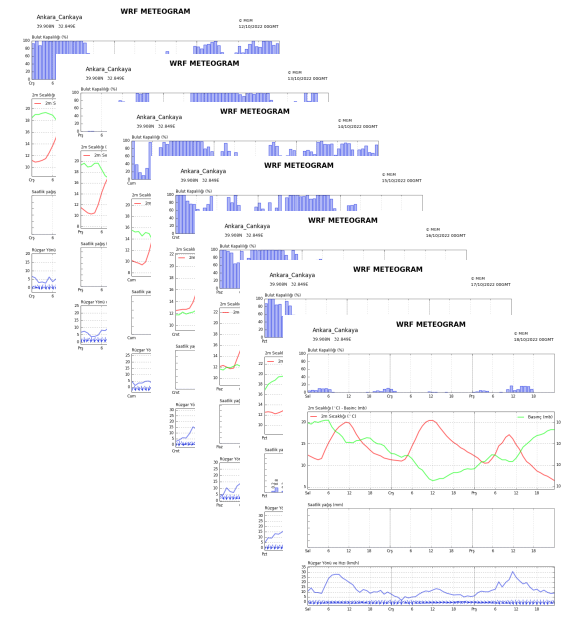Historical PV Output

Create regression model based on historical data

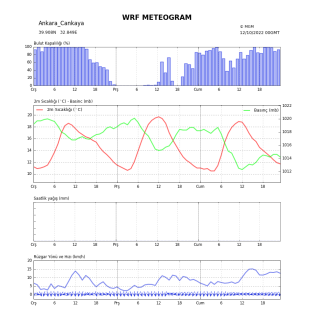Apply regression model to weather forecast to forecast available PV output

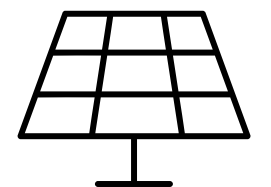Historical Weather (Actual or Forecast)

Simple Physical Model (Optional)

Weather Forecast

Apply time-series methods for intra-day updates to forecast