

Forecast

Uses ARIMA (AutoRegressive Integrated Moving Average) based on existing data to predict several values into the future. The forecast distance is defined by the Period input and the time step. Forecast(24) on hourly data will predict 24 hours into the future.

| Parameter | Description |
|-------------|--|
| Input Data* | Defines the time series data fed into the function. This can be a sensor ID or another function. |
| Period | Number of data intervals that will be predicted into the future |

*Input data is optional in most cases. If Info360 detects that the first input is time series data, it will be applied to the function. Otherwise, the current active sensor's data will be used, which is often the case in Reference Charts.

Example Usage as an Expression:

Forecast(24) - outputs 24 forecast data points into the future using the current data interval.

Forecast(High(),24) - forecasts the next 24 values based on the highest data point in each sampled interval.

Examples Reference Chart:

The below example shows hourly reservoir readings with Forecast(25) showing a prediction of the next 25 hours.

