

# Cheat sheet

## Facebook Prophet

### Facebook Prophet

A Forecasting Model developed by Facebook, using a Structural Time Series approach.

### Structural Time Series

A framework where a time series is decomposed into at least 3 components: Trend, Seasonality, and External Regressors. Facebook Prophet also decomposes into Holiday effects.

### Holiday\_prior\_scale

A parameter that dictates how much the Holidays affect the seasonality curve.

### Seasonality\_prior\_scale

Strength of the seasonal cycles.

### Changepoint\_prior\_scale

A parameter that states how easily the trend curve should change.

### Cross-validation

A process where the data is split into training and test set several times. Allows for model assessment in different circumstances.

### Parameter Tuning

The process where you find the best parameters for your model and problem. Usually done together with cross-validation.

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