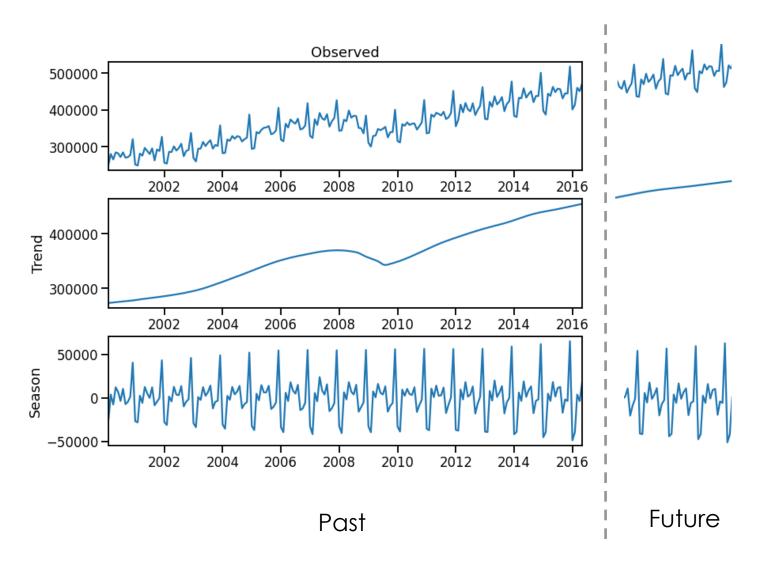
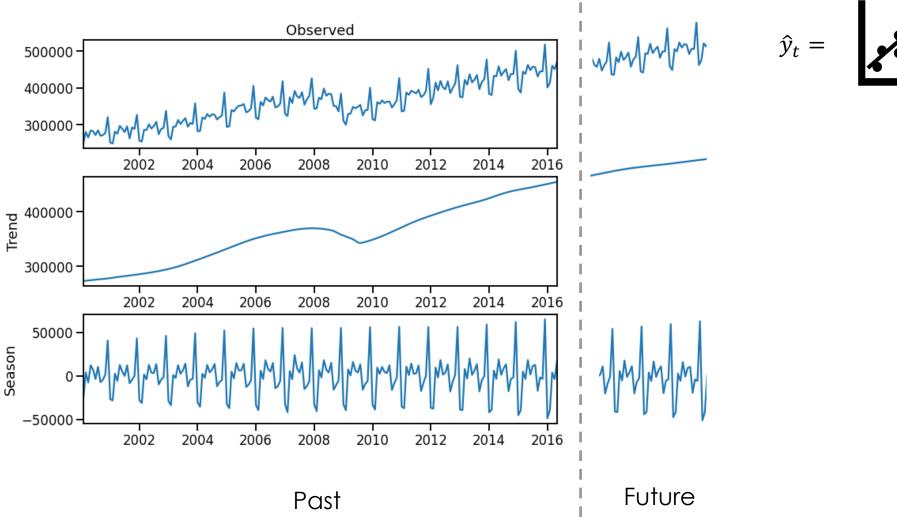
Trend features: overview

Trend features

Trend and seasonality features: motivation

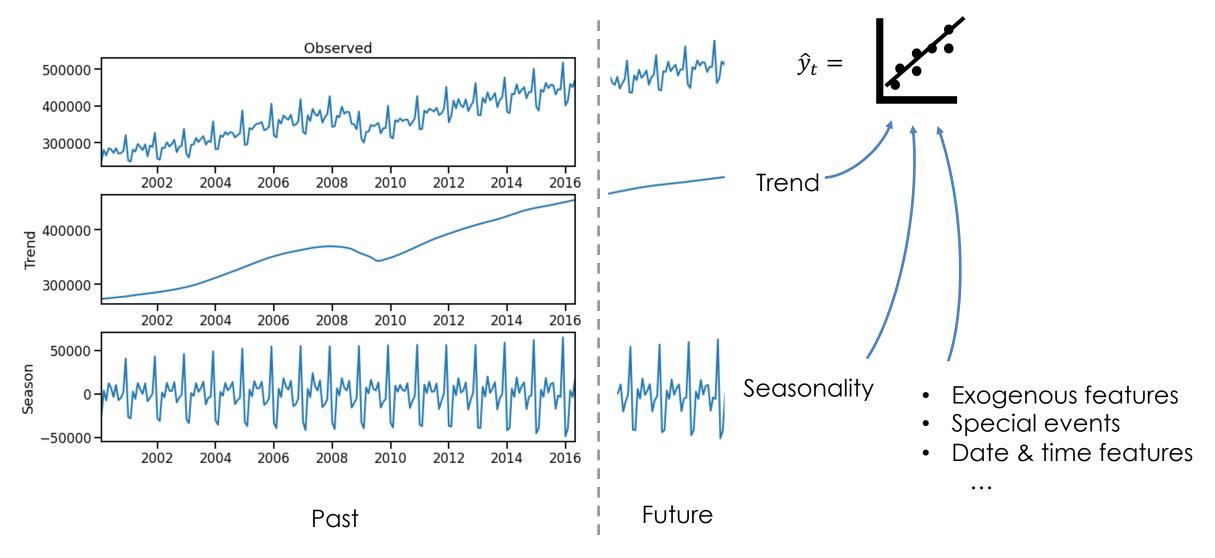


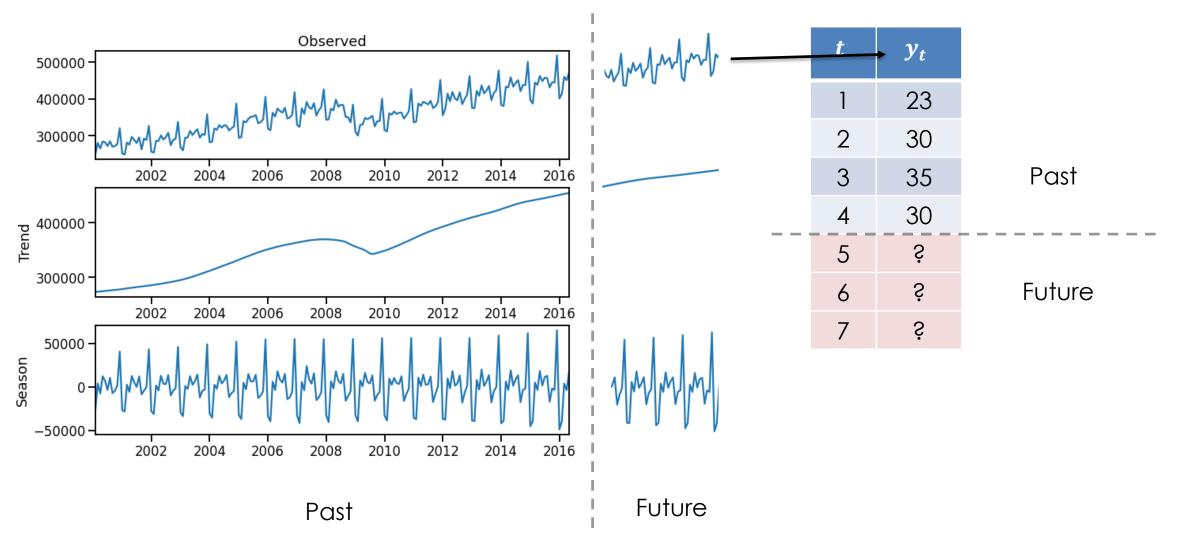
Trend and seasonality features: motivation

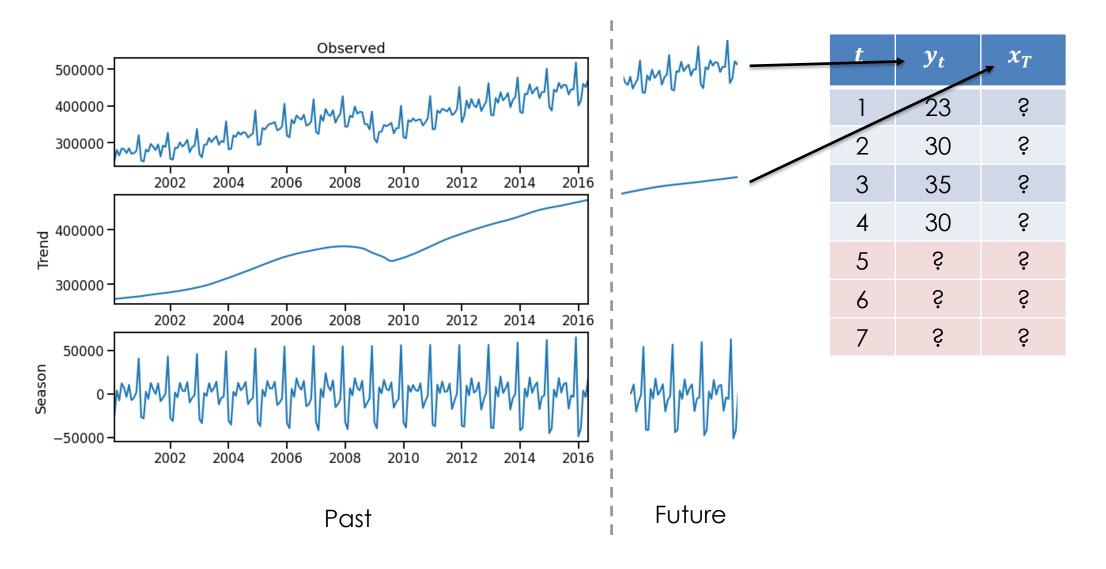


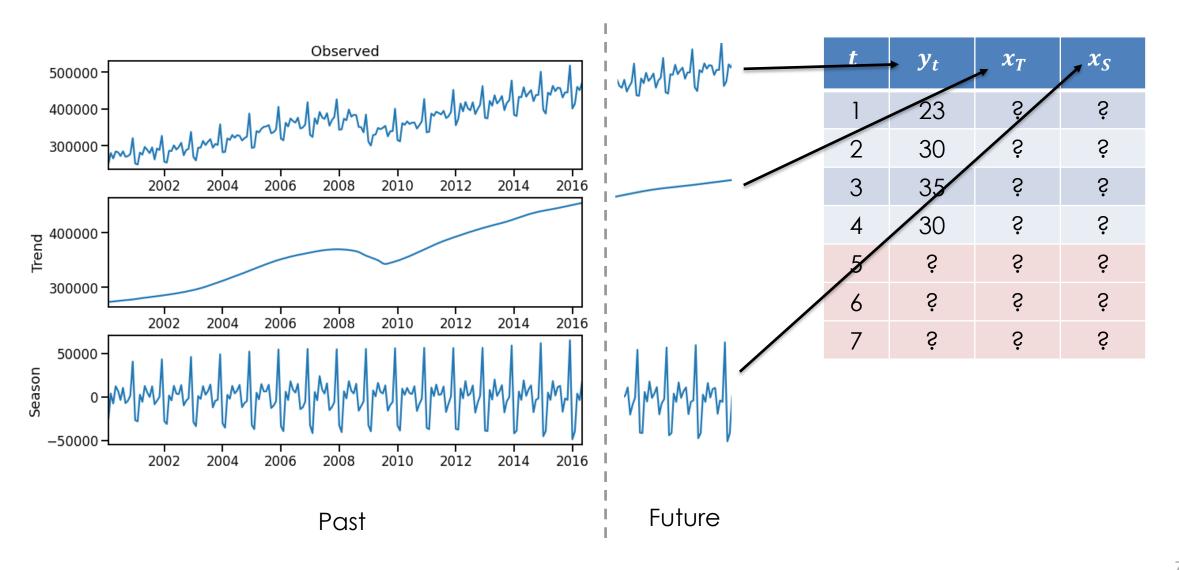


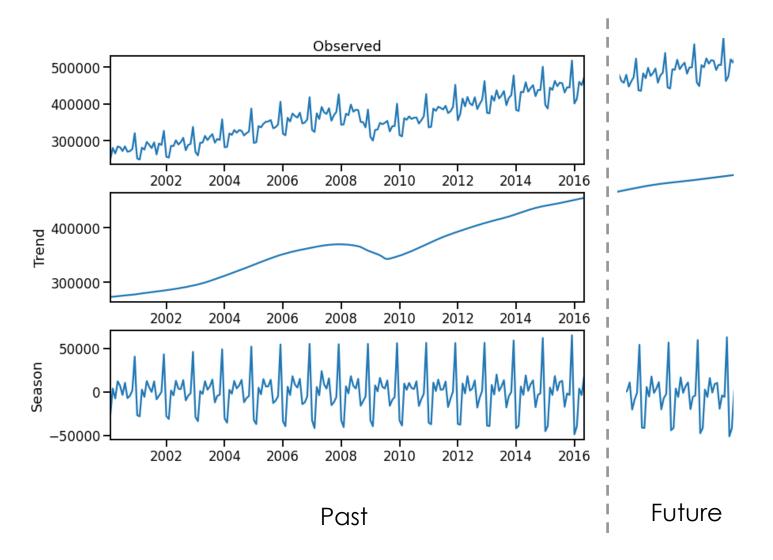
Trend and seasonality features: motivation







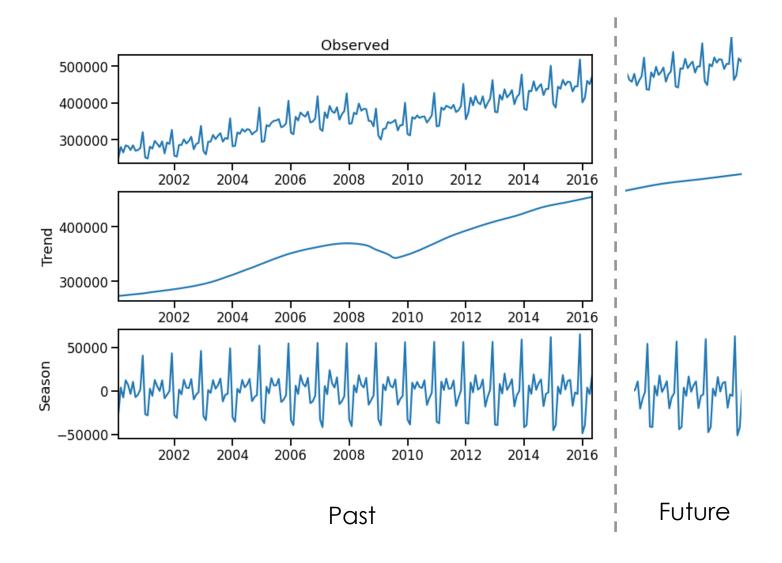




t	y_t	x_T	x_{S}
1	23	?	?
2	30	?	?
3	35	?	?
4	30	?	?
5	Ś	Ś	Ś
6	Ś	Ś	Ś
7	Ś	Ś	Ś

Target Features y_train X_train

Train time model.train(X_train, y_train)



t	y_t	x_T	x_S
1	23	Ś	Ś
2	30	Ś	Ś
3	35	Ś	Ś
4	30	Ś	Ś
5	?	?	?
6	?	?	?
7	?	?	?

Target Features y_pred X_pred

Predict time y_pred = model.predict(X_pred)

In this section we will discuss...

How to create features to capture the trend.

How to implement these methods in Python.