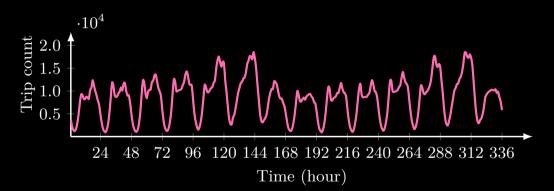
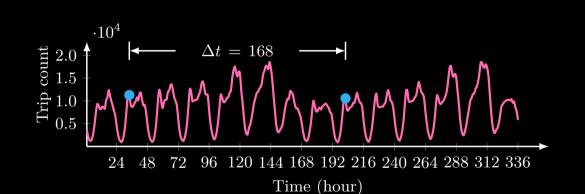
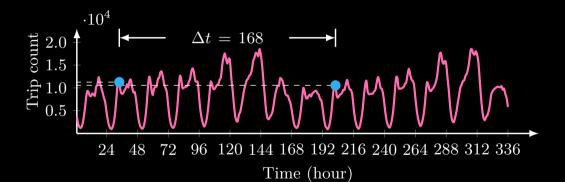
Essential Ideas of Sparse Autoregression

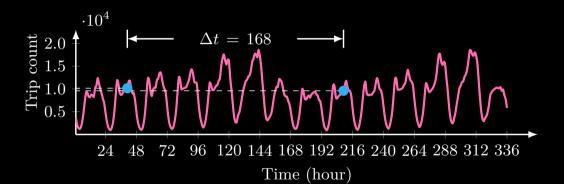
Annotating Ridesharing Trip Time Series

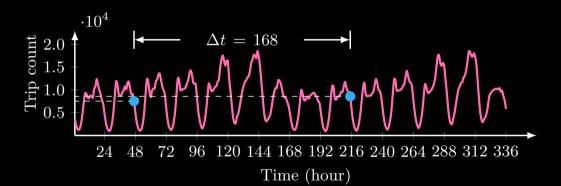
#### Chicago ridesharing trip time series

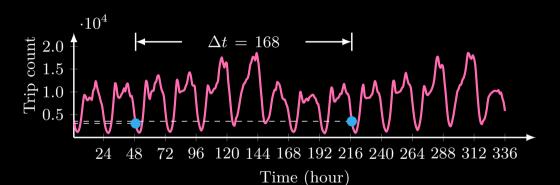


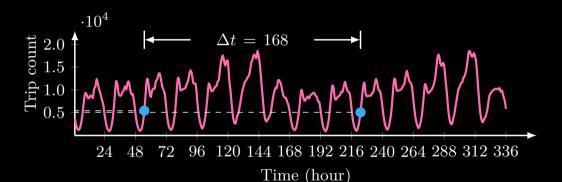












#### Auto-correlations

$$\min_{w_{\Delta t}} \sum_{t} (x_t - w_{\Delta t} x_{t-\Delta t})^2 \quad \Rightarrow \quad w_{\Delta t} =$$

