

Looking at data Overtime to forecast or predict future values based on patterns or recurring trends.



🚵 Holiday season sales

(5) Stock market

moving

average

anline user traffic

Data Characteristics:

- · seasonality
- voutliers
- v long-run cycle
- o Constant variance

Statmodels

vabrupt changes

Using ARIMA

previous values in your data

long memory models integrated

Stationarity

previous hidden shocks or errors in your model

△ diff

short memory models

time

Differencing: look at the from one period to another

Define model WI SARIMAX()

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