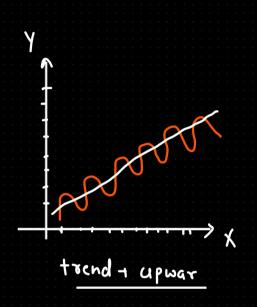
Stationary - Non-stationary time Series

Time Series day

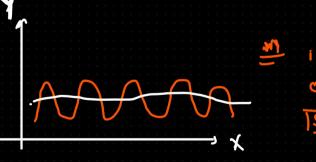
\mathcal{D}_{I}	15
₽ [™]	16
D_3	17
Dy	14
DS	18



Moving aug

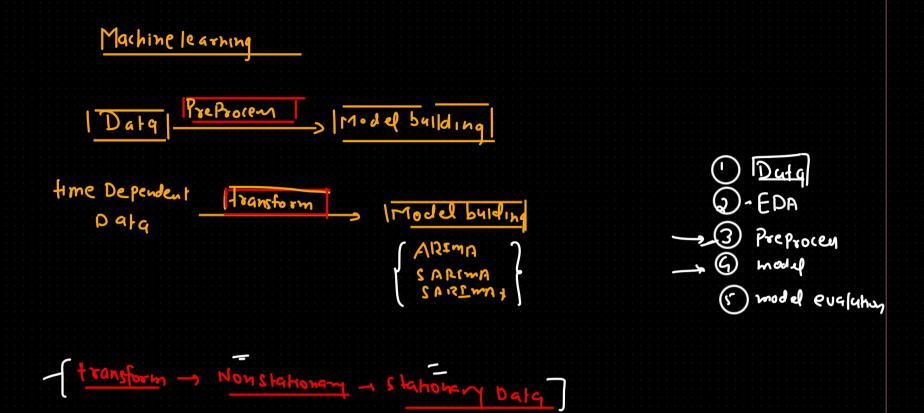
- -> time axis => [window]
- average
- -> my moving and is not Constant-
- -> var is not constant in my time series

if my mean and variance is hot constantover the time them my time series is (alled | non-stationary)



trend -, flat or horizontal

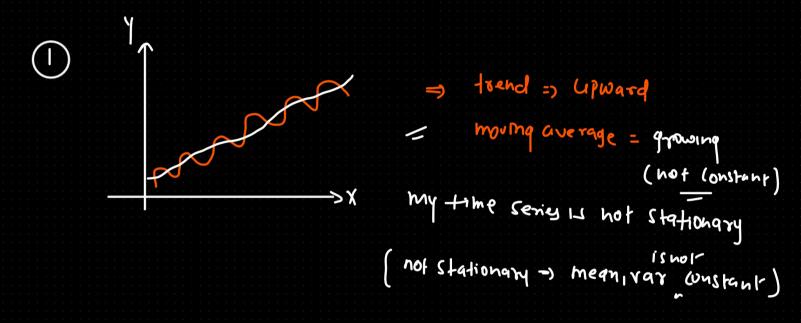
over the time the my time series is called Istahonary

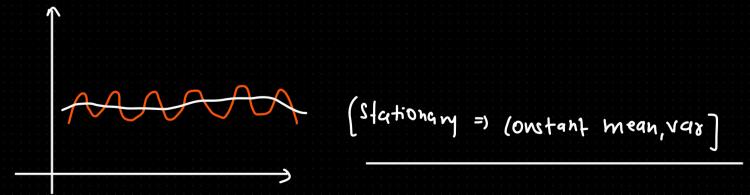


D first identify my Data 15 stationary or hotD If my data is not stationary then I have to make 1+ stationary

1) IDENTIFY the data

- (Visyllayhon
- 2) Status bosed test-





@ Stats based test .

agymented drucey-fuller test

test statistics

19- v914e =

@ G Critical - value

1 ag-lenth

Ho => pluss by Phothers

- my Data is not Stationary

Hq =) alternative hyphothesus

- my data is stationary

2002

- Hease Reject the Wull hyphothers

P>0.05

- Please accept the Null Lyphotrems



ARIMA (Diffierry)

- Differencing
 - @ 10g
 - (3) soot
 - @ segsonal adustment-