## Lont Clan (17 Nov)

- 1) Generating forecast
- 2) Truin test splits
- 3) Simple Forecast methods
- 4) Naive Approven
- 5) Seasonal Noive Forecut
- 6) Drift Method
- 7) Smoothing Based Methods
- 8) Simple exponential smoothing

## Today's class

- 1) Double exponential smoothing
- 2) Triple exponential smoothing
- 3) Stationarity
- 4) Acto Carrelation
- 5) Pantial Acto Correlation

needed (demanded by students) Coding question -> is dominant ->> moderate very len os

P<0.05 -> reject mill hypo else: ruept sull hypo null hypo (Ho) -) non-Stationary Signal Coreject the hypo that signal is mon-stationary

multipling if is Statinuy linear trend = Imx + + c y (t) my riginal y (++) -> shifted y(f), y(ff)) Signal (Ing by fine T) y(f), y(ff2), corr coeff (corr coeff (= y(f), y(t+13) ~) (mr. coeff. >> mnx (wr. ~) [= 12]

? \*(T-t) A ( f ) t= k kf 1 1(+3 1ct 5 141 K+2 10 >(+) y (t)