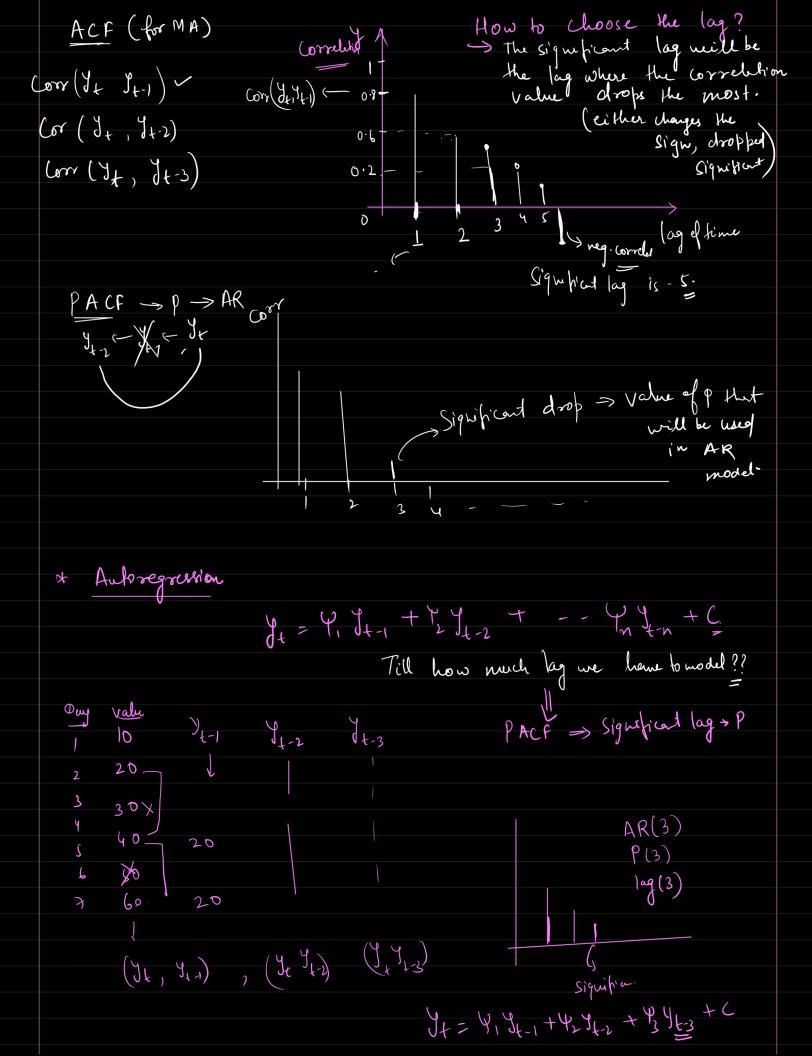
Time Scries Forecashing Analysi's -> Trend -> Seasonality Autoregrassine model -> Cydiaily Smoothing -> Noise * Autoregression * Acf * Pacif -> SMA → CMA → EWMA * ARIMA ML -> Date -> LR, SVR, DTR and So on. TS dete -> Forecasting models. (Smoothing models already we have seen) AM C -> ARIMA - SARIMA > SARIMAX MA. model (Integrated) (Autorgressi'm) melage) (0,1,2, -- h) (0,1,2,3..n) (0,1,2,3 -- n) lag value log value lag value. PACF ACF Differencing (Auto correlation function Partial auto comeletia fundin (Stationary) (corrlelogram)

(Correlogram)



of we decide p (PACF) of AR, by Seeing PACF plot.

and q (ACF) of MA by Seeing ACF plot.

$$\rightarrow$$
 It models the error. $y_t = \mathcal{E}_{t-1} y + C$

D1 10.
$$\frac{8}{8}$$

D2 15. $\frac{1}{2}$? > Last error = $\frac{10-8}{2}$

D3 20

E-> everor

D5 30

