Time series , ACF and PACF for the data

 





 Since the value of lamda is equal to zero it can be transformation to two formats and it will give me the same result .

 

 

 

The transformation dosen’t give me any things .

Fitting the model :

ARIMA(2,1,3)

$$The eqution :$$

$$\left(1-1.4648B+.7570B^{2}\right)\left(1-B\right)Z\_{t}=( 1-1.6984B+.8678B^{2}+.0079B^{3})a\_{t} $$









Fitting the model :

ARIMA (2,1,0)\*(1,0,0) 30

$$The eqution :$$

$$\left(1+.2680+.1409B^{2}\right)\left(1-B\right)Z\_{t}=a\_{t} $$











Fitting the model :

ARIMA(0,2,2)

$$The eqution :$$

$$\left(1-B\right)Z\_{t}=( 1-1.0355B+.0587B^{2})a\_{t} $$











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