= White Noise =

White voise is a very important concept in time sense because It is highly related with the auswer of the question:

d When should I stop fitting my made?

- · A Huce sever is classified as white waise if:
- - Std. dev = cte.

 Correlation between lags is 0
 - J= cte. \
 Correlation between logs

 is violated because if

 the value is a contain is violated because if the value in a contin the value in a contain unwest is high, it is linely to be high in the

hext have people

- 2. XT + cte. with hive
- White noise is a great wearne that give us the chance to know if we could do it better or not in order to capture the dynamics better. If it is truly white noise we cannot have done any better.

because one of the broggest projectes of white wise is that it is NOT predictable.

Why is a important. Yt = Signal + (Noise)

our residuals are white noise or really close to it, then we can say that the model fits really good the data.

Test for While Noise

1. Virual test 2. Global us local test 3. Check ACF