程序代写代做 CS编程辅导



Due 5pm Friday, 22 October 2021

A remine Clat graphs help in Structure (a) in Graph explanation and you are expected to present them properly.

1 QAstisignnie Mar Project Exam Help

For assignment 3 I have supplied a csv file (3XX Q1 data.csv). This has four ARMA(p,q) time series with p = 0, 1, 2, q = 0, 1, 2. Do not worry about dates

Email: tutorcs@163.com

- b Once you have decided on the p and q for each series fit that ARMA
- d Plot the modelled values on the same graph as the actual values

https://tutorcs.com Question 2 – 13 marks

For this question use the time series you selected for the previous assignments. Use the data from the years 2000-2019 only i.e. suppress COVID effects.

- a Plot your series
- b Take the first differences and plot that series
- c For the time series of first differences decide what p and q are. Ignore seasonal P and Q at this stage
- d Fit that model to the series and write your fitted ARIMA(p,d,q) model with parameter estimates.
- e Are your residuals white noise? Justify your answer.
- f Now fit a $ARIMA(p,d,q) \times (0,1,1)_{12}$ model using the same p,d,q.
- g Is this model better? Justify your reasoning.