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Started on Wednesday, 8 December 2021, 2:45 PM

State Finished

Completed on Wednesday, 8 December 2021, 3:00 PM

Time taken 14 mins 25 secs

Marks 100.00/100.00

Grade 10.00 out of 10.00 (100%)

Question 1

Correct

Mark 20.00 out of 20.00

`diff(data, differences = ---, lag = ---)`

Apabila data musiman yang dimiliki adalah data kuartal dan akan dilakukan differencing sekali, maka ***difference*** diisi nilai ✓ ,
sementara ***lag*** diisi nilai ✓ .

Your answer is correct.

The correct answer is:

`diff(data, differences = ---, lag = ---)`

Apabila data musiman yang dimiliki adalah data kuartal dan akan dilakukan differencing sekali, maka ***difference*** diisi nilai [1],
sementara ***lag*** diisi nilai [4].

Question 2

Correct

Mark 20.00 out of 20.00

`auto.arima(data, d=1, D=1)`

`d=1` menunjukkan orde differencing seasonal sebanyak satu kali dan `D=1` menunjukkan orde differencing non-seasonal sebanyak satu kali.

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

Question 3

Correct

Mark 20.00 out of 20.00

SARIMA merupakan kepanjangan dari Seasonal Autoregressive Integrated Moving Average.

Select one:

☒ True ✓

☐ False

The correct answer is 'True'.

Question 4

Correct

Mark 20.00 out of 20.00

`Arima(data, order = c(0, 0, 1), seasonal = list(order = c(2, 1, 3), period = 12), include.mean = F)`

Apabila pada sintaks R dituliskan perintah di atas, maka jumlah differencing non-seasonal yang telah dilakukan sebanyak ... kali.

Answer:



The correct answer is: 0

Question 5

Correct

Mark 20.00 out of 20.00

Model SARIMA biasanya dinotasikan dengan $ARIMA(p,d,q)(P,D,Q)[s]$.

Notasi P menunjukkan orde autoregressive seasonal ✓, notasi D menunjukkan orde differencing seasonal ✓, dan notasi Q menunjukkan orde moving average seasonal ✓.

orde autoregressive non-seasonal

orde differencing non-seasonal

orde moving average non-seasonal

Your answer is correct.

The correct answer is:

Model SARIMA biasanya dinotasikan dengan $ARIMA(p,d,q)(P,D,Q)[s]$.

Notasi P menunjukkan [orde autoregressive seasonal], notasi D menunjukkan [orde differencing seasonal], dan notasi Q menunjukkan [orde moving average seasonal].

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