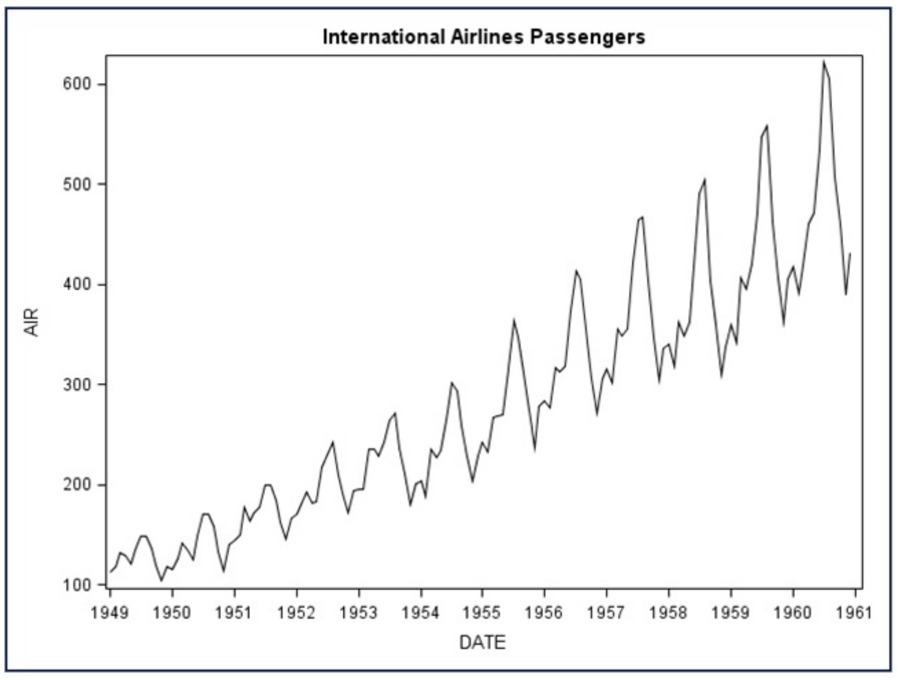
Started on	Friday, August 28, 2020, 6:23 PM
State	Finished
Completed on	Friday, August 28, 2020, 6:32 PM
Time taken	8 mins 59 secs
Grade	**8.00** out of 8.00 (**100**%)

Question **1**
Correct
1.00 points out of 1.00

Describe the following time series plot:



Select one:

- a. Trend only
- b. Trend and seasonality ✔
- c. Seasonality only
- d. No trend nor seasonality

Your answer is correct.

The correct answer is: Trend and seasonality

Question **2**
Correct
1.00 points out of 1.00

The width of confidence intervals is based on the signal in a time series.

Select one:

- True
- False ✔

The correct answer is 'False'.

Question 3
Correct
1.00 points out of 1.00

If seasonality is NOT present in a time series, then when decomposing the data set, you will only have trend and error.

Select one:
- True ✔
- False

The correct answer is 'True'.

Question 4
Correct
1.00 points out of 1.00

A multiplicative seasonal component will display an increase in amplitude of the seasons across time.

Select one:
- True ✔
- False

The correct answer is 'True'.

Question 5
Complete
1.00 points out of 1.00

When decomposing a time series, the decomposition consists of the following components:

seasonality, trend, error

Trend/Cycle, Seasonality, Error

Comment:

Question 6
Correct
1.00 points out of 1.00

The STL decomposition assumes that the seasonal component is the same across the whole series.

Select one:
- True
- False ✔

The correct answer is 'False'.

Question 7
Correct
1.00 points out of 1.00

The Single Exponential Smoothing model has two smoothing parameters.

Select one:
- True
- False ✔

The correct answer is 'False'.

Question 8
Correct
1.00 points out of 1.00

Predictions from a Single Exponential Smoothing Model will be a horizontal line.

Select one:
- True ✔
- False

The correct answer is 'True'.

◄ Time Series 2: Final Project

Jump to...

Time Series 1: Quiz 2 ►