Activities_Session 6

July 4, 2023

0.0.1 Activities Session 6

You must use the data file data_activities_session_6.xlsx .

With the data in spreadsheet=data_1:

1. Compute the 5-period and 10-period moving average and plot the original data series together with the moving averages.

2. What type of time series is it? Additive or multiplicative?

3. Split the time series in its components and make a plot with each of them separated. The data is taken monthly and the periodicity is annual, so the period for the time splitting will be set to 12 (months).

With the data in spreadsheet=data_2:

4. Compute the 5-period and 10-period moving average and plot the original data series together with the moving averages.

5. What type of time series is it? Additive or multiplicative?

6. Split the time series in its components and make a plot with each of them separated.

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