Unit 5 - Week 3

Assignment 3

The data for selecting this assignment has passed. As per your request, you may not re-edit this assignment.

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Note: For the quarter basis, there will be one or more Correct options. Rental items may be selected from the correct options OR ALL correct options are required.

Data Analysis can be made using:

- Parameter estimation
- Hypothesis testing
- Model development and testing
- Fault detection

The differences between Exploratory and Confirmatory data analysis:

- Are predictive data in Exploratory type data analysis
- Are non-predictive data in Exploratory type data analysis
- We know everything about the data in Exploratory type data analysis
- Both types of analyses are same

Assumptions about the population:

- Proportion is the common parameter in sample and population

A statistic is a randomised test in a patient and said that the RFFG data result in the test showed some value. How does the data analysis show the doctor use to determine the actual cause of the problem with good accuracy.

No. of the exercise is 13.

Data analysis: Statistics of remaining test

The data obtained from the laboratory data cannot be explained by any mathematical function. When the data are shown in the graph.

The data obtained cannot be evaluated because there is not enough data from the study but the mathematical model. The data can be used with good accuracy using the predictive type data analysis when we can assume the extent of the model, which is not possible if we do not have the other from the data.

No. of the exercise is 14.

The temperature of a boiler was recorded for some days and a temperature profile was generated so we can use it in the model. The temperature profile can be used to evaluate the performance of the following:

- Non-electronic devices
- Discriminate
- None of the above

No. of the exercise is 15.

The first hypothesis cannot be verified because the data are not from the study but the mathematical model. The data can be used with good accuracy using the predictive type data analysis when we can assume the extent of the model, which is not possible if we do not have the other from the data.

No. of the exercise is 16.

The second hypothesis is to be rejected.

- The empirical approach to measuring a process usually depends on:
  - The correctness of the previous knowledge
  - The measurement of the parameter
  - The observation of the model
  - The frequency with which data was acquired

- Black box needs we output of the following approaches to modeling:
  - Empirical approach
  - First principle approach
  - Rule
  - Approach based on data obtained through experiments

- No. of the exercise is 17.

No. of the exercise is 18.

- The approach based on data obtained through experiments
  - Should be the most important discipline of our nation when we are in a laboratory or industrial environment
  - The correct answer which has a better precision
  - Is not always available in our nation which is needed by any one is the experience
  - Should be a good description of the model towards which we need to be cautious

- Working of heat
  - Chemicals
  - Acids
  - Enzymes
  - Electric and water source

- The approach is:
  - Chemicals
  - Acids
  - Enzymes
  - Electric and water source

- The approach is:
  - Chemicals
  - Acids
  - Enzymes
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