Data Mining

Quiz, 5 questions

4/5 points (80.00%)

✔ **Congratulations! You passed!**

Next Item

✔ 1 / 1
points

1.
According to the reading, the output of a data mining exercise largely depends on:

◯ The scope of the project.

◉ The quality of the data.

Correct
Correct.

◯ The data scientist.

◯ The programming language used.

✖ 0 / 1
points

2.
When data are missing in a systematic way, you can simply extrapolate the data or impute the missing data by filling in the average of the values around the missing data.

◯ False.

◉ True.

This should not be selected
Incorrect. When data are missing in a systematic way, you should determine the impact of missing data on the results and whether missing data can be excluded from the analysis.

Data Mining

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✓   1 / 1
          points

3.

What is an example of a data reduction algorithm?

○ Prior Variable Analysis.

○ Conjoint Analysis.

○ A/B Testing.

◉ Principal Component Analysis.

Correct
Correct.

✓   1 / 1
          points

4.

After the data are appropriately processed, transformed, and stored, what is a good starting point for data mining?

◉ Data Visualization.

Correct
Correct.

○ Creating a relational database.

○ Machine learning.

○ Non-parametric methods.

✓   1 / 1
          points

5.

Data Mining

"Formal evaluation could include testing the predictive capabilities of the models on observed data to see how effective and efficient the algorithms have been in reproducing data." This is known as:

4/5 points (80.00%)

○ Reverse engineering.

◉ In-sample forecast.

▲

Correct
Correct.

○ Prototyping.

○ Overfitting.

👍   👎   🏳