

Data Mining

Quiz, 5 questions

5/5 points (100%)



Congratulations! You passed!

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point

1.

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



The quality of the data.



Correct

Correct.



The scope of the project.



The data scientist.



The programming language used.

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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.

☐ True.

☒ False.



Correct

Correct. 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.



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3.

What is an example of a data reduction algorithm?

☐ Prior Variable Analysis.

☐ Conjoint Analysis.

☐ A/B Testing.

☒ Principal Component Analysis.



Correct

Correct.

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4.

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

☐ Creating a relational database.

☒ Data Visualization.



Correct

Correct.

☐ Machine learning.

☐ Non-parametric methods.



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5.

"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:

☐ Prototyping.

☐ Reverse engineering.

☐ Overfitting.

☒ In-sample forecast.



Correct

Correct.

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