

Quiz 3

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

1 point

- ☐ The data scientist.
- ☐ The scope of the project.
- ☒ The quality of the data.
- ☐ The programming language used.

2. What should you do when data are missing in a systematic way?

1 point

- ☐ Extrapolate the data.
- ☐ Determine the average of the values around the missing data.
- ☐ Determine who was managing the database.
- ☒ Determine the impact of missing data on the results and whether missing data can be excluded from the analysis.

3. Prior Variable Analysis and Principal Component Analysis are both examples of a data reduction algorithm.

1 point

- ☐ False.
- ☒ True.

4. After the data are appropriately processed, transformed, and stored, machine learning and non-parametric methods are a good starting point for data mining.

1 point

- ☐ False.
- ☒ True.

5. **In-sample forecast** is the process of formally evaluating the predictive capabilities of the models developed using observed data to see how effective the algorithms are in reproducing data.

1 point

- ☐ True.
- ☒ False.



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