

Quiz 1: Data Mining.

What is an example of a data reduction algorithm?

1 point

☐

Prior Variable Analysis.

☐

Cojoint Analysis.

☐

A/B Testing.

☒

Principal Component Analysis.

Question 2

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

1 point

☐

Non-parametric methods.

☒

Data Visualization.

☐

Machine learning.

☐

Creating a relational database.

Question 3

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

Quiz 2: Regression.

Who developed the statistical technique known as regression?

1 point



Sir Frances Galton



Sir Isaac Newton



Blaise Pascal



Gerolamo Cardano



Thomas Bayes

Question 2

The author discovered that, *all else being equal*, houses located less than 5 kms but more than 2.5 kms to shopping centres sold for more than the rest.

1 point



True.



False.

Question 3

Based on the reading, which of the following are questions that can be put to regression analysis?

1 point



Do homes with brick exterior sell in rural areas?



What is the impact of lot size on housing price?



What are typical land taxes in a house sale?



Do homes with brick exterior sell for less than homes with stone exterior?