

1. Select the correct statement.

1 / 1 point

- ☐ A methodology is an application for a computer program.
- ☒ A methodology is a system of methods used in a particular area of study or activity.
- ☐ All of the above statements are correct.
- ☐ A methodology is a set of instructions.

✓ Correct  
Correct.

2. Select the correct statement.

1 / 1 point

- ☐ The first stage of the data science methodology is Modeling.
- ☐ The first stage of the data science methodology is Data Understanding.
- ☐ The first stage of the data science methodology is Data Collection.
- ☒ The first stage of the data science methodology is Business Understanding.

✓ Correct  
Correct.

3. Business Understanding is an important stage in the data science methodology. Why?

1 / 1 point

- ☐ Because it is determined by the analytical approach you want to use.
- ☐ Because it ensures that the work generates all possible solutions.
- ☒ Because it clearly defines the problem and the needs from a business perspective.
- ☐ Because it generates the data that will be used in the study.

4. The main purpose of the analytic approach is identifying what type of patterns will be needed to address the posed question most effectively.

1 / 1 point

- ☒ True
- ☐ False

✓ Correct  
Correct.

5. Which machine learning algorithm was implement in the case study discussed in the videos?

1 / 1 point

- ☐  $k$ -Nearest Neighbor.
- ☐ Support Vector Machines.
- ☒ Decision Tree Classification.
- ☐ Logistic Regression.

✓ Correct  
Correct.