Final Exam

Latest Submission Grade 83.33%

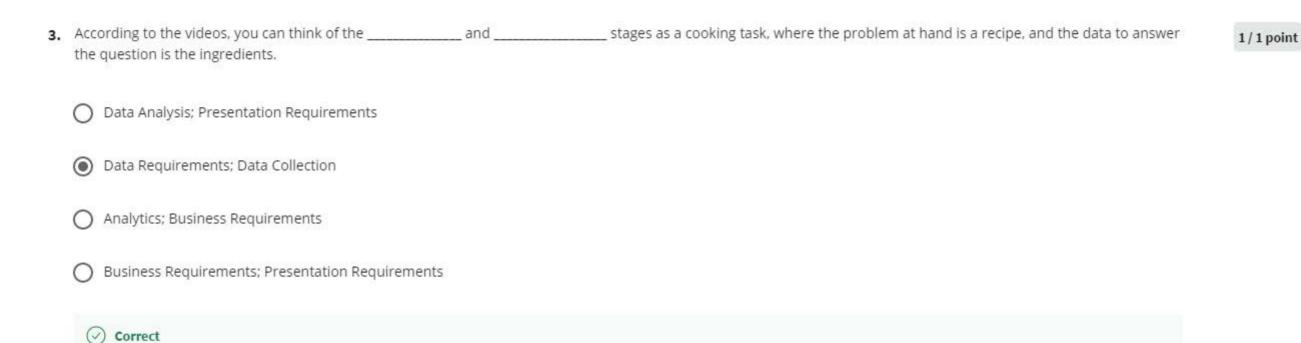
Select the correct statement.

1/1 point

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

○ Correct

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4. In the Data Collection stage, techniques such as descriptive statistics and visualization can be applied to the data set, to assess the content, quality, and initial insights about the data

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- 5. A training set is used for what?
 - Statistical analysis
 - Descriptive modeling
 - Predictive modeling
 - Data Visualization
 - **⊗** Incorrect

6. A false-negative is what type of error?

1/1 point

6. A false-negative is what type of error?	1/1 point
O Type III error	
Type II error	
O Type L error	
O Type I error	
7. The Data Understanding stage refers to the stage of removing redundant data.	1/1 point

4

True

1/1 point

8.	The Data Preparation stage involves what?	
	Addressing missing values.	
	O Correcting invalid values and addressing outliers.	
	O Removing duplicate data.	
	O Formatting the data.	
	All of the above	
	Correct	

9. The final stages of the data science methodology are an iterative cycle between which of the different stages?

- Formatting the data.
- All of the above
- ✓ Correct

- 9. The final stages of the data science methodology are an iterative cycle between which of the different stages?
 - Modelling, Evaluation, Deployment, and Feedback.
 - Modelling, Data Preparation, Deployment, and Feedback.
 - Data Understanding, Data Preparation, Evaluation, and Modelling.
 - Modelling, Evaluation, Data Understanding, Data Preparation, and Deployment.
 - ⊗ Incorrect

0/1 point

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Modelling, Evaluation, Data Understanding, Data Preparation, and Deployment.



10. Deploying a model into production represents the beginning of an iterative process from ______, then Model Refinement, and to Redeployment.

- Scalability
- Data Storage
- Feedback
- None of the above





11. The data science methodology provides the data scientist with a framework on how to proceed to do what?

1/1 point

- Obtain data storage
- None of the above
- Obtain data
- Obtain answers



Correct

12. Support vector machines and neural networks are what type of algorithms?

AL.