## Final Exam

K Graded Quiz • 30 min

Due Jan 3, 1:29 PM +0530

## **Final Exam**

Latest Submission Grade 100%

1. What is the subfield of computer science that gives "computers the ability to learn without being explicitly programmed."?

1/1 point

- Graphics and visual computing
- O Computational science
- Machine learning
- O Information management

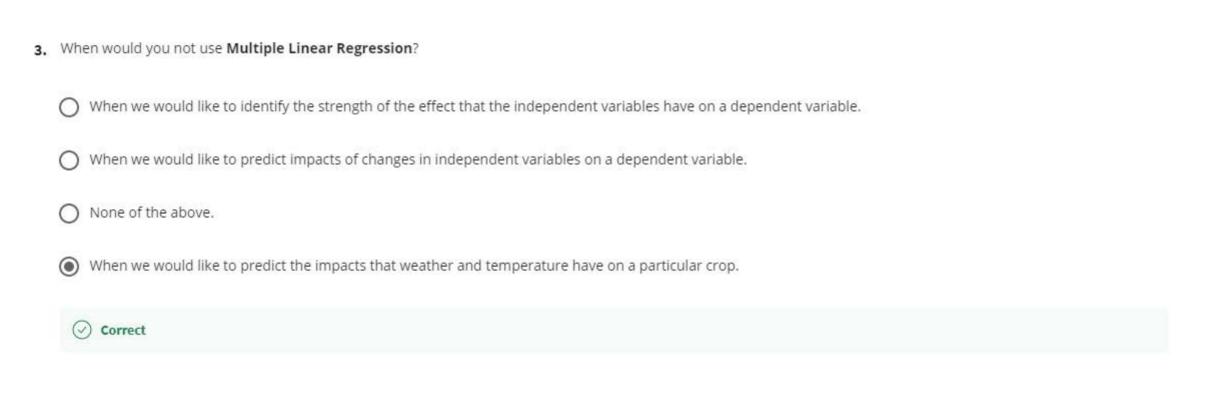
**⊘** Correct

2. Which of the following is a Machine Learning technique?

2.	Which of the following is a Machine Learning technique?	1/1 point
	O Clustering	
	O Classification	
	O Regression/Estimation	
	O Associations	
	All of the above	
	⊘ Correct	

3. When would you not use Multiple Linear Regression?

1/1 point



1/1 point

Polynomial regression fits a curve line to your data.

4. Which of the following statements are TRUE about Polynomial Regression?

- 4. Which of the following statements are TRUE about Polynomial Regression?
  - Polynomial regression fits a curve line to your data.
    - **⊘** Correct
  - Polynomial regression models can fit using the Least Squares method.
  - **⊘** Correct
  - Polynomial regression can use the same mechanism as Multiple Linear Regression to find the parameters.

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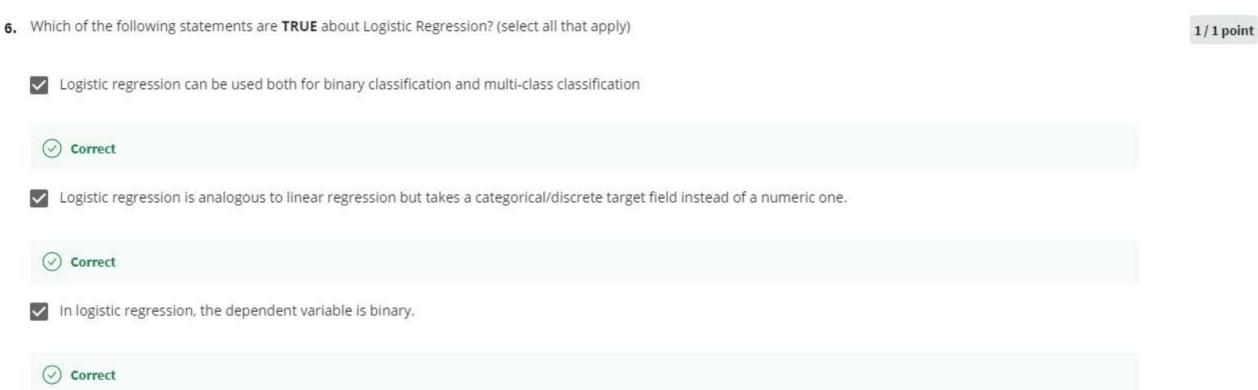
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5. Which of the below is a sample of classification problem? 1/1 point To predict the category to which a customer belongs to. To predict whether a customer switches to another provider/brand. To predict whether a customer responds to a particular advertising campaign or not. All of the above ✓ Correct

6. Which of the following statements are TRUE about Logistic Regression? (select all that apply)

1/1 point

Logistic regression can be used both for binary classification and multi-class classification



7. What type of clustering divides the data into non-overlapping subsets without any cluster-internal structure?



- Clusters and Epsilon
- Clusters and Minimum Points



- 9. What captures the pattern of people's behavior and uses it to predict what else they might want or like?
  - Recommender Systems