



Congratulations! You passed!

TO PASS 75% or higher

Keep Learning

Retake the assignment in 8h

100%

Final Exam

LATEST SUBMISSION GRADE

100%

1. Which of the following is not true about Machine Learning?
 Machine Learning models iteratively learn from data, and allow computers to find hidden insights.
 Machine Learning models help us in tasks such as object recognition, summarization, and recommendation.
 Machine learning gives computers the ability to make decision by writing down rules and methods and being explicitly programmed.
 Machine Learning was inspired by the learning process of human beings.

1



2.	Which of the following is a Machine Learning technique?	1 / 1 point
	Clustering	
	Classification	
	Regression/Estimation	
	Associations	
	All of the above	
	✓ Correct	
3.	In which of the following would you use Multiple Linear Regression ?	1/1 point
	Predicting weather based on month.	
	Predicting the production of apples in an orchard based on temperature and rainfall.	
	Predicting population growth over time.	
	Predicting job performance of employees by number of sick days taken throughout a year.	
	✓ Correct	

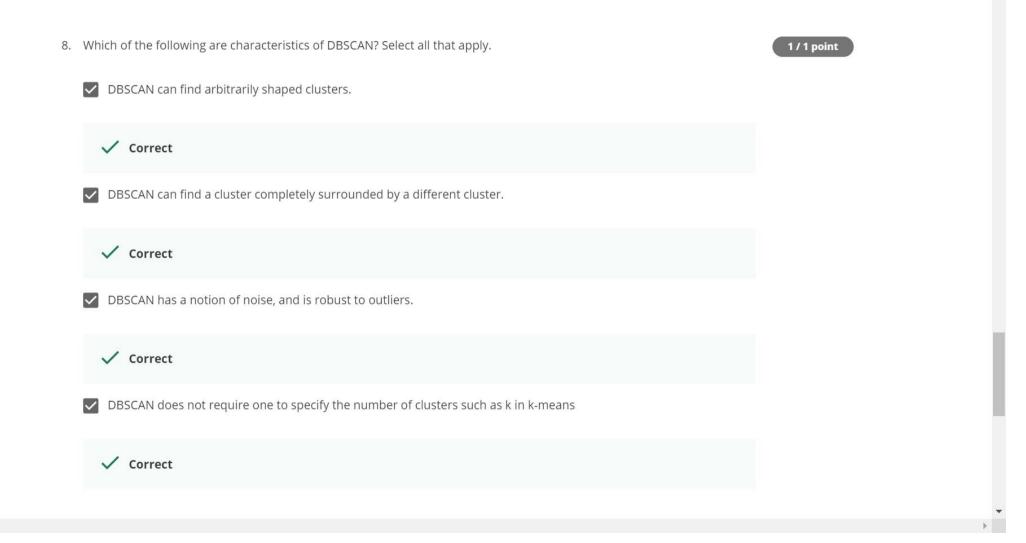


4. Whi	ich type of regression model can by transformed into a linear regression model using the Least Squares method?	1/1 point
\circ	Ridge Regression	
\circ	Multiple Linear Regression.	
()	Polynomial Regression.	
\circ	Logistic Regression	
•	✓ Correct	
5. Whi	ich one IS NOT a sample of classification problem?	1/1 point
•	To predict the amount of money a customer will spend in one year.	
\circ	To predict the category to which a customer belongs to.	
\circ	To predict whether a customer responds to a particular advertising campaign or not.	
\circ	To predict whether a customer switches to another provider/brand.	
	✓ Correct	
		•



6.	Which of the following is an example of Logistic Regression?	1 / 1 point	
	The probability of a person purchasing life insurance based on age and income.		
	The probability of a borrower defaulting on their mortgage based upon their credit score and age.		
	The odds of a particular individual having a heart attack based on how much they exercise and how much they weigh.		
	All of the above.		
	✓ Correct		
7.	Which statement is NOT TRUE about k-means clustering?	1/1 point	
7.	Which statement is NOT TRUE about k-means clustering? As k-means is an iterative algorithm, it guarantees that it will always converge to the global optimum.	1/1 point	10
7.		1 / 1 point	
7.	As k-means is an iterative algorithm, it guarantees that it will always converge to the global optimum.	1/1 point	
7.	 As k-means is an iterative algorithm, it guarantees that it will always converge to the global optimum. k-means divides the data into non-overlapping clusters without any cluster-internal structure. The objective of k-means, is to form clusters in such a way that similar samples go into a cluster, and dissimilar 	1/1 point	







9. What is not an advantage of Recommender Systems?	1 / 1 point	
 Recommender Systems benefit the service provider by increasing potential revenue and better security for its consumers. 		
 Recommender Systems provide a better experience for the users by giving them a broader exposure to many different products they might be interested in. 		
Recommender Systems encourage users towards continual usage or purchase of their product.		
None of the above.		
✓ Correct		
10. A recommendation system tries to recommend items to the users based on their profile built upon their preferences and taste.	1/1 point	
Content-based		
Utility-based		
O Demographic-based		
Collaborative		ı
✓ Correct		,