Score Card

Total no. of questions: 10 No. of questions attempted: 10 No. of correct answers: 10 Overall score:

10/10

Show Score

Show Answers

Machine Learning - Set 1

This test intends to check your knowledge on data science & machine learning algorithms. It touches upon the topic of how to identify attributes that are most informative with respect to estimating the value of target variable.

Q: Predictive models having target attribute having discrete values can be termed as	
Regression models	
 Classification models 	
Q: Higher value of entropy would mean which of the following	
 Properties values belongs to mixed classes of values. 	
Properties have just one class of values.	
Q: Entropy value ranges from	
o 0 to 1	
O to 100	
○ -1 to +1	
Q: Entropy value near 0 would mean that properties' values are	
○ Impure	
Pure or homogenous	
Q: Which of the following can be used to identify attributes that coul impact the target variable in data analysis?	d
Information gain	
Entropy	
O Both of the above	
None of the above	

Decrease overall entropy value
Increase overall entropy value
Q: Following formula, -p1 log(p1) - p2 log(p2) - p3 log(p3), determin which of the following?
Information gain
Entropy
Q: Properties have equally distributed discrete values would said to ha
o 1
O 0
Q: Selection of attributes should be done in a way that satisfies follow criteria
Reduces the Entropy
○ Increases the entropy
Q: In a decision tree, which of the following is used to represent a segment?
Root node
Interior nodes

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