Applied Data Science - Quiz 3

Name *

M.Gokulapriya

Registered Roll Number/Registered Number   *

Please enter the number as displayed in the profile section in the platform

731119106007

Registered Email id *

Please enter the email id used to login to the platform

gokulapriya1804@gmail.com

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B8-2A4E ▾

Linear Regression is a machine learning *
algorithm based on

○ unsupervised learning

○ supervised learning

◉ reinforcement learning

○ none of these

Regression models a target prediction *
value based on

○ dependent variable

○ independent variables

◉ independent value

○ dependent value

Regression technique finds out a linear *
relationship between x (input) and y(output)
hence it is called as

○ Hypothesis function

◉ Related regression

○ Linear Regression

○ none of these

Which Machine Learning technique use for *
dealing Categorical data?

○ Regression

○ Classification

◉ Clustering

○ All of the above

How do you choose the root node while constructing a Decision Tree? *

- ○ "An attribute having high entropy
- ○ "An attribute having largest information gain
- ○ "An attribute having high entropy and Information gain
- ◉ None of the Mentioned

Choose a disadvantage of decision trees among the following. *

- ○ Decision trees are robust to outliers
- ○ Factor analysis
- ◉ Decision trees are prone to overfit
- ○ none of these

What is the term known as on which the machine learning algorithms build a model based on sample data? *

○ Data training

○ Training data

◉ Transfer data

○ None of the above

Machine learning is a subset of which of the following. *

○ Artificial Intelligence

◉ Deep learning

○ NLP

○ None of the above

The father of machine learning is *

O Geoffrey Everest Hinton

◉ Geoffrey hill

O Geoffrey chaucer

O Micheal Geoffrey

Suppose you got a training accuracy of 90% *
and a test accuracy of 50%. What
happened with your model

O The model was over fitted with the training
   data

◉ The model was under fitted with the
   training data

O The model is absolutely fine

O None of the above