Applied Data Science - Quiz 3

Name *

NARMATHA P

Registered Roll Number/Registered Number *
Please enter the number as displayed in the profile section in the platform

717819P120

Registered Email id *
Please enter the email id used to login to the platform

narmathapalanisamy02@gmail.com

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B6-6M2E ▼

Linear Regression is a machine learning algorithm based on *

○ unsupervised learning

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 *

◉ Geoffrey Everest Hinton

○ Geoffrey hill

○ Geoffrey chaucer

○ Micheal Geoffrey

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

◉ The model was over fitted with the training data

○ The model was under fitted with the training data

○ The model is absolutely fine

○ None of the above