Applied Data Science - Quiz 3

Name *

N.Vaishnavi

Registered Roll Number/Registered Number *

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

513419104051

Registered Email id *

Please enter the email id used to login to the platform

masternithiyanandan@gmail.com

Select your Training Batch *

B2-2M4E ▼

Linear Regression is a machine learning algorithm based on *

○ unsupervised learning

◉ supervised learning

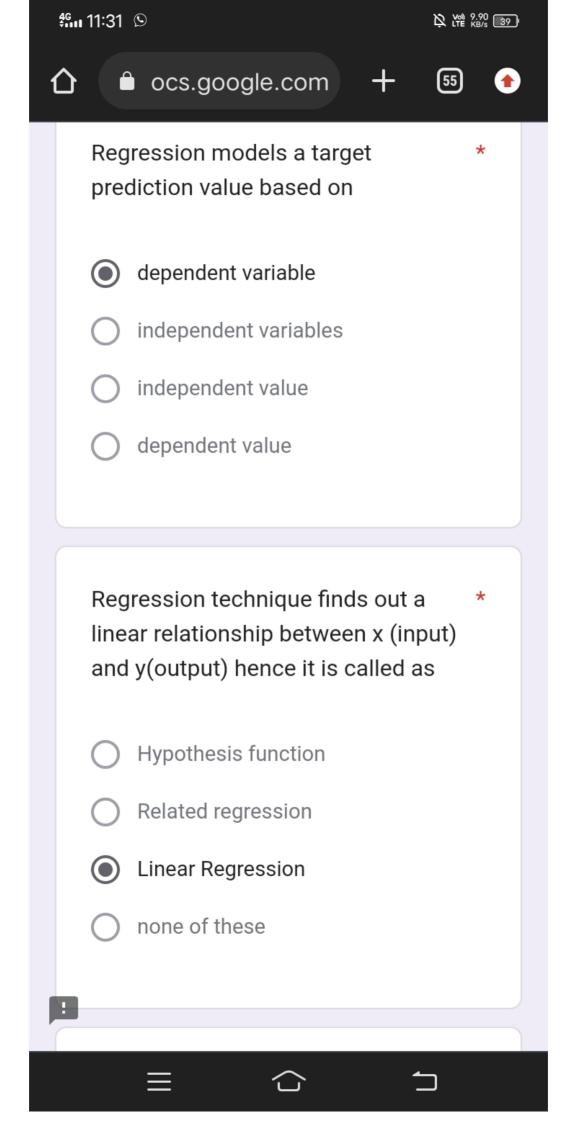○ reinforcement learning

○ none of these

Regression models a target prediction value based on *

◉ dependent variable

○ independent variables

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
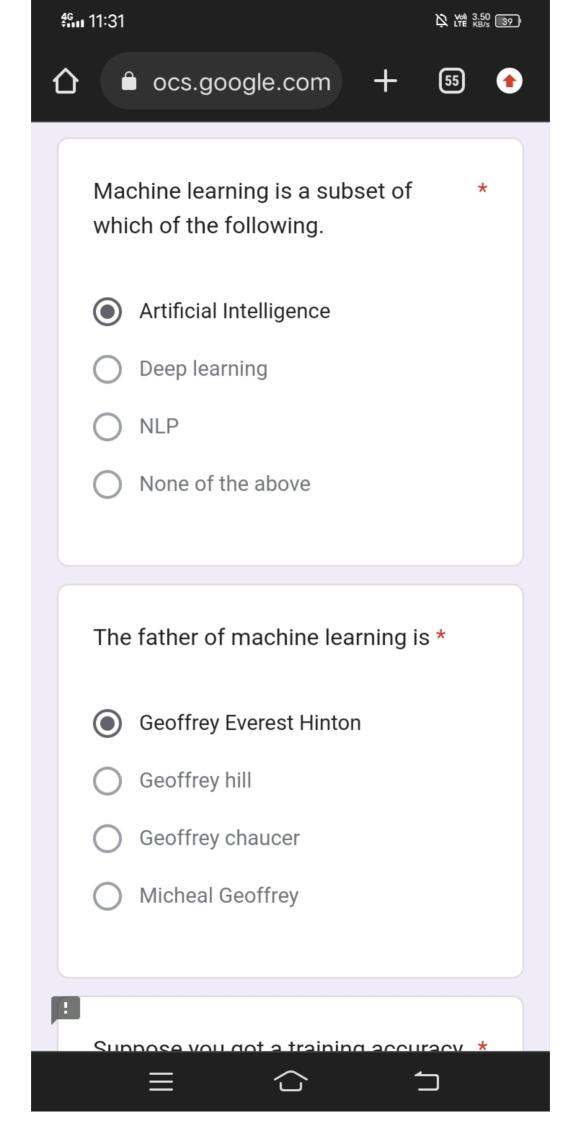
◉ Decision trees are prone to overfit

○ 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 *

○ ● 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

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