Applied Data Science - Quiz 3

Name *

M.Amarnath

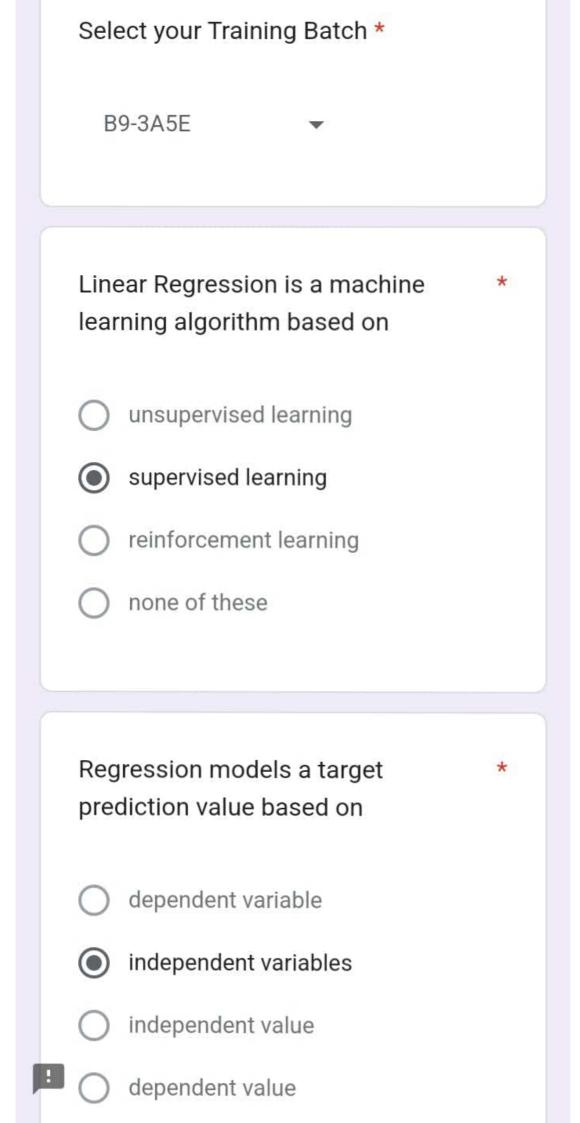Registered Roll Number/Registered *
Number

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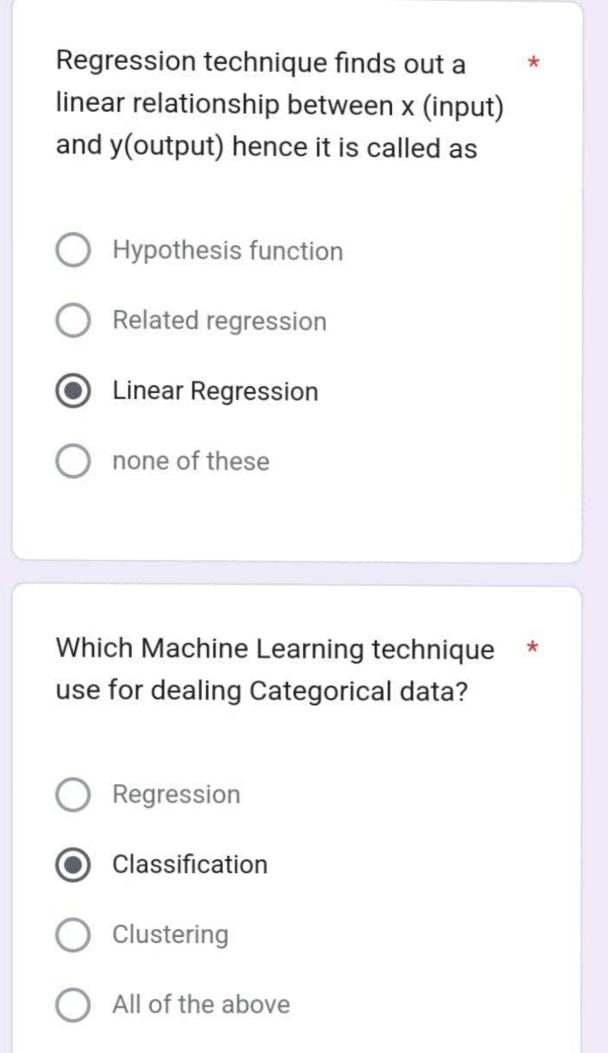the profile section in the platform

921619106004

Registered Email id *

Please enter the email id used to login to
the platform

namar0292@gmail.com

Select your Training Batch *

B9-3A5E ▼

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