Science - Quiz 3

Name *

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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? *

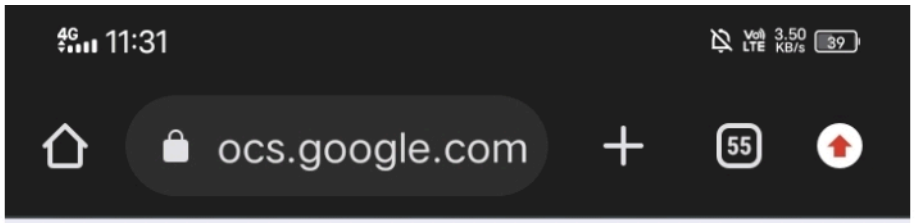
- ( ) "An attribute having high entropy
- ( ) "An attribute having largest information gain
- (●) "An attribute having high entropy and Information gain
- ( ) None of the Mentioned

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 *

- [x] 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 *

- [x] 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