

Compare Redundant and Data Inconsistent Data

List out the Multivariate frequency's types

Draw Star Plot with suitable example

Define Parallel Coordinate plot

List out the usages of Regression Modelling

Define Gini index

Compare Active Learning and Reinforcement Learning

Relate the purpose of survival Analysis

Compare Training Dataset and Test Dataset

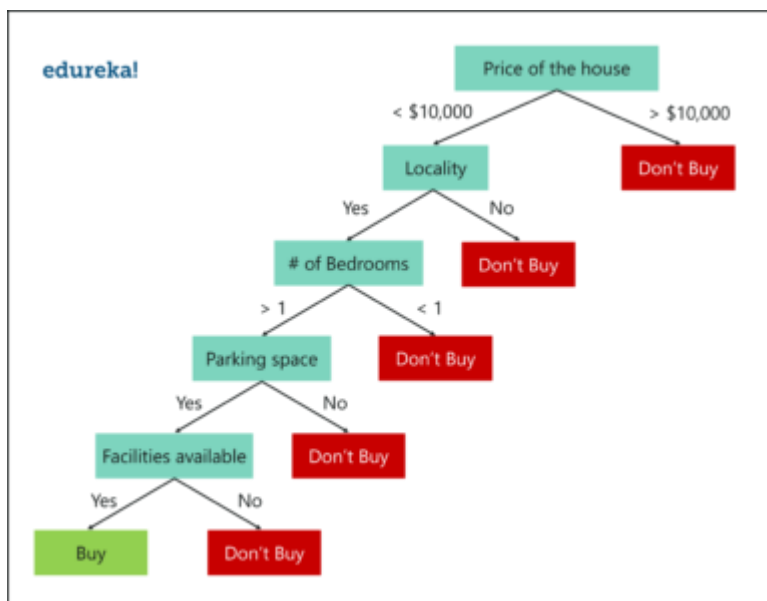
Define Normal Distribution

Discuss about Creating data for analytics through Reinforcement Learning

Apply linear regression using the method of least squares to the following data and predict the crop yield for rain fall of 5 cm

Rain fall(in cms)	10.5	8.8	13.4	12.5	18.8	10.3	7.0	15.6	16
Paddy yield(quintal per acre)	30.3	46.2	58.8	59.0	82.4	49.2	31.9	76.0	78.8

To use Random Forest to predict the outcome for the following case: Consider whether a dataset based on which we will determine whether to buy house or not



Identify the different types of regression modelling used in Data Analytics

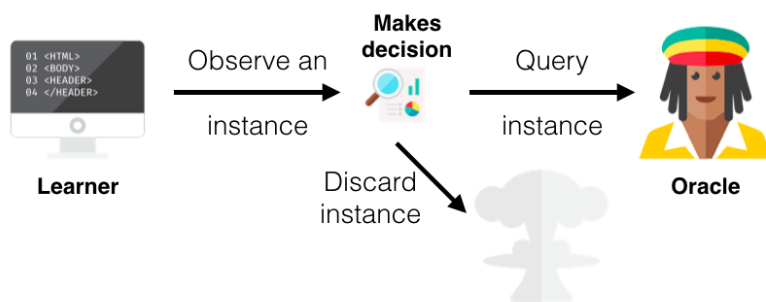
Examine and conclude the following case using different time series analysis components

“John is a building contractor with a record of a total of 24 single family homes constructed over a 6-year period. Provide John with a Moving Average Graph.”

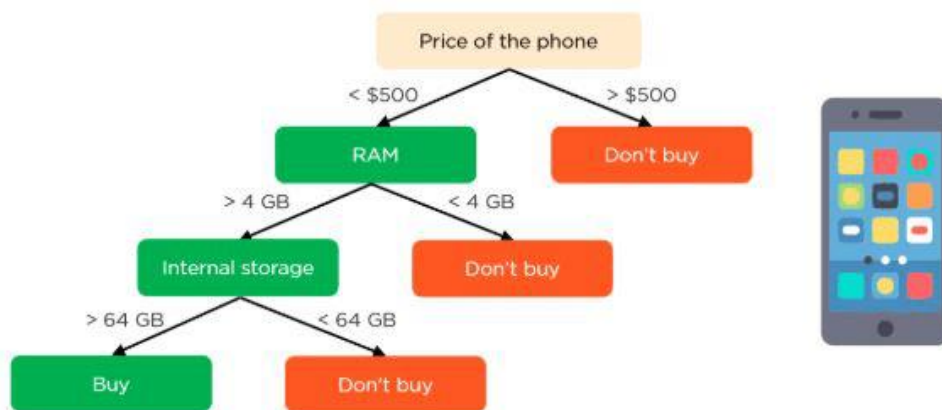
Year	Units	Moving Avg
1994	2	NA
1995	5	3
1996	2	3
1997	2	3.67
1998	7	5
1999	6	NA

Experiment with the different types of methods used in Survival Analysis using suitable example

Illustrate and Create data for analytics through active learning for the following case



Construct Decision Tree to predict the outcome for the following Case: To predict if a customer will purchase a mobile phone or not



Enumerate the Location Multivariate statistics and Dispersion Multivariate statistics with Example

Explain in detail about Data Preprocessing steps to improve the data quality

Explain the Multivariate statistics with Example

Describe about Multivariate data visualization methods