Set 3 Machine learning Assignment 10

Q1 A

Q2 A

Q3 B

Q4 B

Q5 A

Q6 B

Q7 C

Q8 A

Q9 B and D

Q10 B and D

Q11 A and B

Q12 C and D

Q13 A and B

Q14 Linear regression analysis is used to predict the value of a variable based on the value of another variable. The variable you want to predict is called the dependent variable. The variable you are using to predict the other variable's value is called the independent variable.

Q15 Simple linear regression has only one x and one y variable.

Multiple linear regression has one y and two or more x variables.

For instance, when we predict rent based on square feet alone that is simple linear regression.

When we predict rent based on square feet and age of the building that is an example of multiple linear regression.