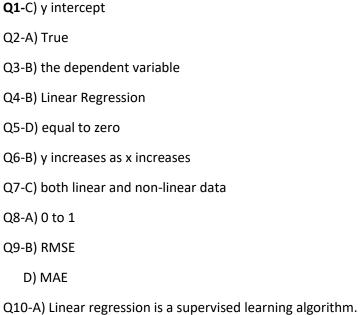
Machine Learning



- - C) Shape of linear regression's cost function is convex.
 - D) Linear regression is used to predict discrete dependent variable.
- Q11-A) Ridge
 - B) Lasso
 - D) Elastic Net
- Q12-A) Large amount of training samples with small number of features.
 - D) The variables which are drawn independently, identically distributed
- Q13-A) Linearity
 - B) Homoscedasticity

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.