1. A
2. B
3. D
4. A
5. B
6. A and D
7. A and D
8. D
9. B
10. .
11. Similar to the lasso regression, ridge regression puts a similar constraint on the coefficients by introducing a penalty factor. However, while lasso regression takes the magnitude of the coefficients, ridge regression takes the square. Ridge regression is also referred to as L2 Regularization
12. A variance inflation factor (VIF) is a measure of the amount of multicollinearity in regression analysis. Multicollinearity exists when there is a correlation between multiple independent variables in a multiple regression model.
13. scaling of the data makes it easy for a model to learn and understand the problem. Scaling of the data comes under the set of steps of data pre-processing when we are performing machine learning algorithms in the data set.
14. There are three error metrics that are commonly used for evaluating and reporting the performance of a regression model; they are: Mean Squared Error (MSE). Root Mean Squared Error (RMSE). Mean Absolute Error (MAE)