

Answer 1 (a) Least square errors is the methods we can use to find the best fit line for data in Linear Regression

Answer 2 (B) linear regression is not sensitive to outliers

Answer 3 (B) Negative

Answer 4 (B) Correlation

Answer 5 (D) none of these

Answer 6 (B) Predictive modal

Answer 7 (D) Regularization

Answer 8 (D) SMOTE

Answer 9 (C) Sensitivity and Specificity

Answer 10 (B) False

Answer 11 (B) Apply PCA to project high dimensional data

Answer 12 (B) It becomes slow when number of features is very large.

(C) We need to iterate

Answer 13. Regularization refers to techniques that are used to calibrate machine learning models in order to minimize the adjusted loss function and prevent overfitting or under fitting.

Answer 14. (1) Ridge regression

(2) LASSO regression

Answer 15. The error term is the difference between the expected price at a particular time and the price that was actually observed.