Machine Learning

1. **A) Least Square Error**
2.
3. **B) Negative**
4. **B) correlation**
5. **C) Low Bias and high Variance**
6. **B) Predictive Modeled**
7.
8. **D) SMOTE**
9. **A) true**
10. **A) true**
11. **B) Apply PCA project high dimensional data**

13) Regularization

This is form of regression that constrains/regularizes or shrinks the coefficient

Estimates towards zero. In other words, this technique discourages learning a

Complex or flexible Model, so to avoid the risk of overfitting.

14) The particular algorithms are used for regularization are LASSO, RIDGE, and Elastic-Net regression.

15) Within a linear regression model tracking a stock's price over time, the error term is the difference between the expected price at a particular time and the price that was actually observed. The error term stands of any influence being exerted on the price variable, such as change in market sentiment.