Machine Learning

Q1. Least Square Errors

Q2. Linear regression is sensitive to outliers

Q3. Negative

Q4. Regression

Q5. Low bias and high variance

Q6. Predictive modal

Q7. Regularization

Q8. SMOTE

Q9. TPR and FPR

Q10. False

Q11. A) We don't have to choose the learning rate.

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

Q12. Regularization

The word regularize means to make things regular or acceptable. This is exactly why we use it for. Regularizations are techniques used to reduce the error by fitting a function appropriately on the given training set and avoid overfitting.

Q13. Regularization Techniques

1. Ridge Regression (L2 Norm)
2. Lasso (L1 Norm)
3. Dropout

Q14. Error

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