MACHINE LEARNING WORKSHEET 1

1. A) least square error

2. A) linear regression is sensitive to outliers

3 B) negative

4. B) correlation

5 C) low bias and high variance

6. B) predictive model

7. D) regularization

8.

9. C) sensitive and specificity

10. A) true

11. B) applying pca to project high dimensional data

12. B) & C)

13. the word regularize means to make thinks regular (or) acceptable .This is exactly why we use it for regurgitation are techniques used to reduce the error by fitting a function appropriately on the given training set and avoid over fitting

14. A) ridge regression

B) lasso

C) dropout

15. An error term represents the margin of error with in a statistical model if refers to the sum of the deviation with in the regression line. which provides an explanation for the difference between the theoretical value of the model and the actual observed results