Machine Learning

1.

Ans:- Least square error

2

Ans:- Linear Regression is sensitive to outliers

3.

Ans:- Negative

4.

Ans:- Regression

5.

Ans:- High bias and high variance

6.

Ans:- Predictive model

7.

Ans:- Regularization

8.

Ans:- Regularization

9.

Ans:- TPR and FPR

10.

Ans:- False

11.

Ans:-Apply PCS to project high dimensional data

12.

Ans: - A. we don't have to choose the learning rate

B. It become slow when number of feature is vey large.

C. We need to iterate.

13.Explain the term Regularization?

Ans:- In general, Regularization means make the things regular or acceptable. This is a form of regression that regularize / shrinks the coefficient estimated towards Zero. In simple words, regularization discourages learning a more complex or flexible model, so as to avoid the risk of overfitting.

14.Which particular algorithms are used for regularization?

Ans:- Lessor and Ridge Regression methods are used for the regularization

15.Explian the term error present in linear regression equation?

Ans:- Error represent the how the observed data differs from the actual population in data