

ASSIGNMENT – 39

MACHINE LEARNING

Ans1. (A)

Ans2. (A)

Ans3. (B)

Ans4. (D)

Ans5. (C)

Ans6. (B)

Ans7. (D)

Ans8. (D)

Ans9. (A)

Ans10. (B)

Ans11. (B)

Ans12. (C)

Ans13.

Regularization

Regularization is a technique used to reduce the errors by fitting the function appropriately on the given training set and avoid overfitting. The commonly used regularization techniques are :

1. L1 regularization
2. L2 regularization
3. Dropout regularization

Ans14.

There are three types of algorithms are used for Regularization.

1. Ridge Regression
2. LASSO (Least Absolute Shrinkage and Selection Operator) Regression
3. Elastic-Net Regression

Ans15.

Standard Error in Linear Regression Formula: The standard error that is seen about the regression line can be defined as the measure of the average proportion that the regression equation over- or under-predicts. This standard error is denoted by SE.

