

#### Assignment –4

Q.4 Machine learning algorithm build a model based on sample data is “Training data”. Because the data we use to train an algorithm to predict outcomes we design our model to predict.

Q.5 “Anomaly detection” machine learning technique helps to detecting the outliers in data.

Q.6 “Case based” incorrect the numerical based function in various function representation in machine learning.

Q.7 “Statistical learning theory Computational learning theory” needs to analysis of machine learning algorithm.

Q.8 Difficulties with K-nearest neighbor Algo is “Calculate of distance of test case for all training cases.

Q.9 Radial basis function neural network is composed the three types of layer . (1) Input layer (2) Output layer (3) Hidden layer.

Q.10 “PCA “is not a supervised learning because it use the pattern present in data independent variables.

Q.11 “Number of gorup may be known is unsupervised learning.

Q.12 “SVM” is not a machine learning algorithm.

Q.13 Power full distance metrics used by geometrics is “euclidean distance and manhattan distance.

Q.21 Heard margin in SVM is allows the very low error in classification.

















