WORKSHEET 2 MACHINE LEARNING

Q1 a

Q2 d

Q3 a

Q4 a

Q5 b

Q6 b

Q7 a

Q8 d

Q9 a

Q10 d

Q11 d

Q12

K means algorithm is sensitive to outliers(get affected by outliers) since it uses mean of clusters data sets to find the centre /centroid of cluster.

Q13

Since it maximise the similarity of points within the cluster and minimise the similarity of points with different clusters.

Q14

K means is a non deterministic algorithm since it select random points (given data set)as a initial centroid/mean.