

ASSIGNMENT – 2

MACHINE LEARNING

Q1 ANS: a

Q2 ANS: d

Q3 ANS: a

Q4 ANS: a

Q5 ANS: b

Q6 ANS: b

Q7 ANS: a

Q8 ANS: d

Q9 ANS: a

Q10 ANS: d

Q11 ANS: d

Q12 ANS: Yes, it is highly sensitive to the outliers. Such outliers can influence the final cluster configuration and it should be removed to get quality solutions.

Q13 Ans: It is better because it guarantees convergence, can warm start the positions of centroids, easily adapts to new examples, generalizes to clusters of different shapes and sizes.

Q14 ANS: No