MACHINE LEARNING

1. a
2. d
3. a
4. a
5. b
6. b
7. a
8. d
9. d
10. a
11. d
12. d
13. Is K sensitive to outliers?
    The K-means clustering algorithm is sensitive to outliers, because a mean is easily influenced by extreme values. K-medoids clustering is a variant of K-means that is more robust to noises and outliers. .The group of points in the right form a cluster, while the rightmost point is an outlier.
14. Why is K means better?
    Other clustering algorithms with better features tend to be more expensive. In this case, k-means becomes a great solution for pre-clustering, reducing the space into disjoint smaller sub-spaces where other clustering algorithms can be applied. K-means is the simplest.Plus, most people don't need quality clusters.
15. Is K means a deterministic algorithm?
    The basic k-means clustering is based on a non-deterministic algorithm. This means that running the algorithm several times on the same data, could give different results. However, to ensure consistent results, FCS Express performs k-means clustering using a deterministic method.

WORKSHEET 2 SQL

1. D
2. C
3. A
4. A
5. B
6. B
7. B
8. B
9. B
10. D
11. D
12. C
13. A
14. B,C,D
15. A,C,D

STATISTICS WORKSHEET-2

1. C
2. C
3. D
4. C
5. D
6. B
7. C
8. B
9. D
10. A
11. C
12. D
13. C
14. C
15. D