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MACHINE LEARNING

1. D
2. D
3. A
4. A
5. B
6. B
7. A
8. D
9. A
10. D
11. D
12. Yes, K means clustering is sensitive to outliers, because a mean is easily influenced by extreme values.
13. It can easily adapts to new examples.
Simple to implement.
Guarantees convergence.
Scale to large data sets.
Can warm-start the positions of centroids.
Generalizes to clusters of different shapes and sizes, such as elliptical clusters.
14. No, it is non-deterministic in nature due to its random selection of data points as initial centroids.

SQL

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

- 12. C
- 13. A
- 14. B & C
- 15. A & D

Statistics

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