1.SQL

Worksheet2 SQL	
Q No	Ans
1	D
2	D
3	A
4	D
5	B
6	C
7	C
8	C
9	A
10	B
11	B
12	C
13	A
14	BCD
15	ABC

2. STATISTICS

Statistics Worksheet 2	
Q No	Ans
1	C
2	C
3	D
4	C
5	D
6	B
7	A
8	B
9	D
10	A
11	C
12	D
13	C
14	A
15	D

3. Machine Learning

Machine Learning	
Q No	Ans
1	A
2	C
3	A
4	A
5	B
6	B
7	A
8	D
9	A
10	D
11	D

Q12.

Ans: Yes, Just like any mean, they are also highly sensitive to extreme values

Q13.

- Relatively simple to implement.
- Scales to large data sets. Guarantees convergence. Can warm-start the positions of centroids.
- Easily adapts to new examples.
- Generalizes to clusters of different shapes and sizes, such as elliptical clusters. Relatively simple to implement.
- Scales to large data sets.
- Guarantees convergence.
- Can warm-start the positions of centroids.
- Easily adapts to new examples.

Q14.

Ans: The basic k-means clustering is based on a non-deterministic algorithm, meaning, running the algorithm several times on the same data, could give different results.