## **Machine Learning**

- 1. Option A
- 2. Option A
- 3. Option B
- 4. Option C
- 5. Option C
- 6. Option B
- 7. Option A
- 8. Option D
- 9. Option A
- 10.Option A
- 11.Option B
- 12.Option A, B &C

13.

Regularization refers to techniques that are used to calibrate machine learning models in order to minimize the adjusted loss function and prevent overfitting or underfitting.

14.

The Algorithem used for regularization are:

- a. Lasso
- b. Ridge
- c. Drop Out

15.

An error term represents the margin of error within a statistical model; it refers to the <u>sum of the deviations</u> within the <u>regression line</u>, which provides an explanation for the difference between the theoretical value of the model and the actual observed results.