

## MACHINE LEARNING WORKSHEET

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

13. Regularization is a technique used to calibrate machine learning models in order to minimize the adjusted loss function and prevent overfitting or underfitting. It helps in avoiding overfitting by penalizing weights with large magnitudes and reducing the generalization error without affecting the training error much.
14. Algorithms used for regularization includes:
  - Lasso Regression
  - Ridge Regression
  - Elastic Net
15. The term error present in linear regression equation represents the average distance that the observed values fall from the regression line. It is the difference between the expected outcome at a particular time and the outcome that was actually observed.