Machine learning

1.A

2.A

3.B

4.A

5.C

6.B

7.A

8.D

9.A

10.A

11.A

12.A,B,C

13. Regularization is a technique used to reduce errors by fitting the function appropriately on the given training set and avoiding overfitting.

14. Ridge Regression (L2 Norm),Lasso (L1 Norm),Dropout.

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

PYTHON WORKSHEET
1.C
2.A
3.A
4.A
5.A
6.C
7.A
8.A

9.A,C
10.A,B
11.