

MACHINE LEARNING ASSIGNMENT

ANS-1-A

ANS-2-A

ANS-3-B

ANS-4-B

ANS-5-C

ANS-6-B

ANS-7-D

ANS-8-A

ANS-9-A

ANS-10-B

ANS-11-B

ANS-12-A,B,D

ANS-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.

ANS-14-There are there main regularization techniques,namely:Ridge Regression(L2 Norm),Lasso(L1 Norm),Dropout.

ANS-15-An error term represents the margin of error with in a statistical model; it refers to the sum of the deviations with in the

regression line, which provides an explanation for the difference between the theoretical value of the model and the actual observed results.