

ML Lab (M.Tech)

Assignment 5

Total Marks: 10

Simple Linear Regression (One feature)

Marks: 5 + 5 =

10

1. Implement the linear regression using the (a) Ordinary Least Squares (OLS) Method and (b) Gradient Descent Algorithm

Dataset: Swedish Auto Insurance dataset. Click [here](#) to download

- i) You need to split the dataset into train(60%), validation (20%), and test(20%).
- ii) Print the train, validation, and test accuracy