AUM SRI SAI RAM

DATE : 23/12/17

REPORT ON LINEAR REGRESSION

I implemented the linear regression model using the Boston data set and found the following observations:

The hypothesis function used is the linear model function.Gradient descent method is used as an optimization procedure.

ERROR TOLERANCE:	LEARNING RATE:	TIME(SECS):	MEAN SQUARED ERROR:
0.0001	0.000001	1.234	245.67
0.000001	0.000001	8.956	**25.676**
0.000001	0.0000001	12.42	24.56