

# PREMIER UNIVERSITY, CHITTAGONG



## Department of Computer Science & Engineering

### Assignment

**Course Code** : CSE 458

**Course Title** : Machine Learning Laboratory

**Assignment No** : 01

**Name of the Assignment** : Linear Regression

**Date of Performance** : 03-02-22

**Date of Submission** : 08-02-22

### SUBMITTED BY

### REMARKS

**Name:** Sadia Chowdhury Dola

**Student Id:** 1703310201465

**Department:** CSE

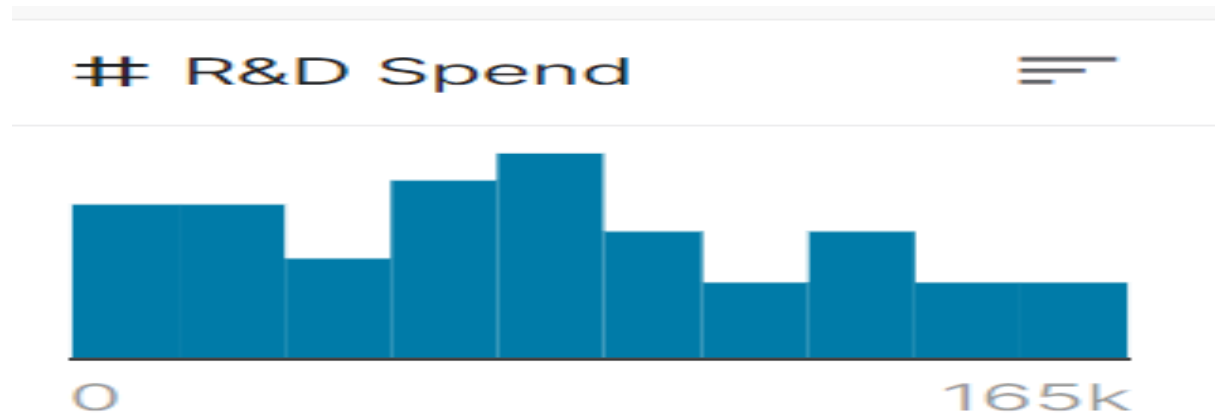
**Year:** 2022

**Semester:** 8th

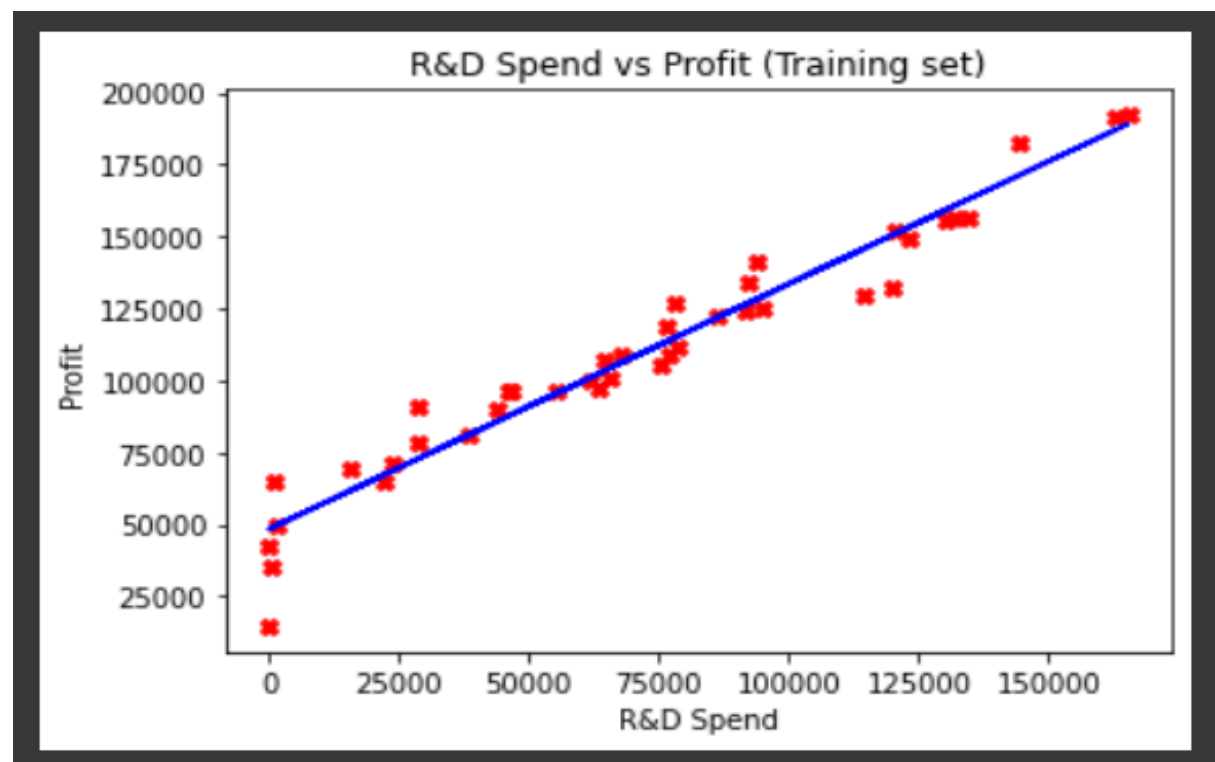
**Group:** C8B

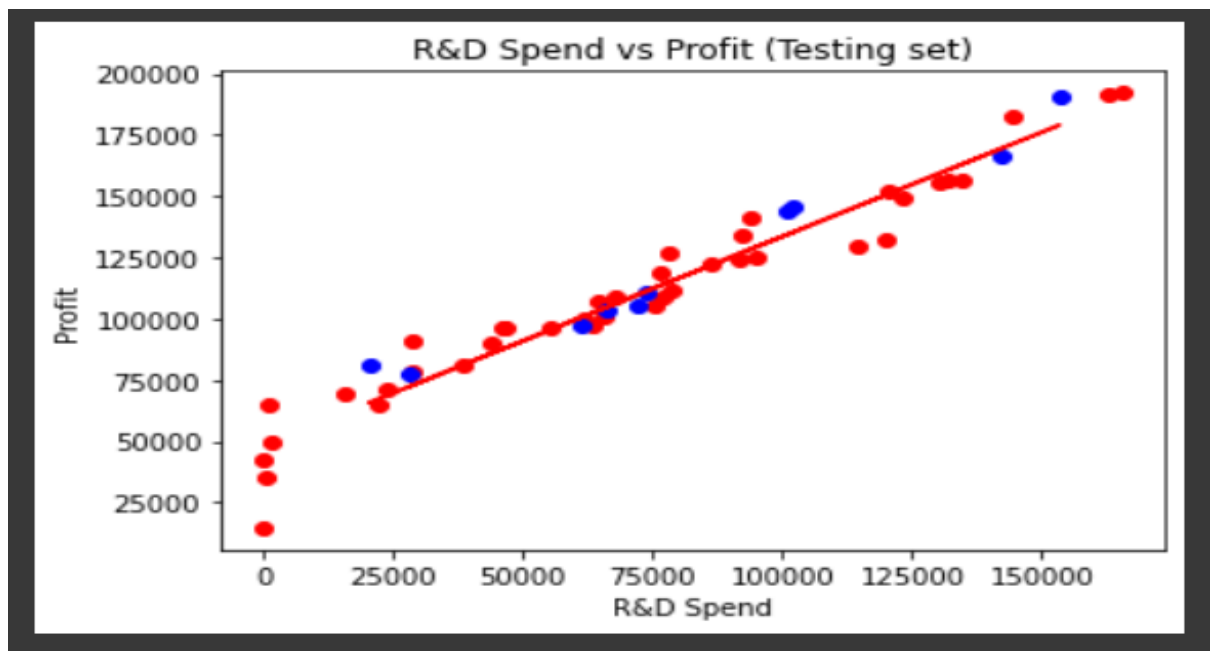
**Linear Regression:** This dataset has data collected from New York, California and Florida about 50 business Startups "17 in each state". The variables used in the dataset are Profit, R&D spending, Administration Spending, and Marketing Spending (50\_Startups.csv).

### R&D Spend:



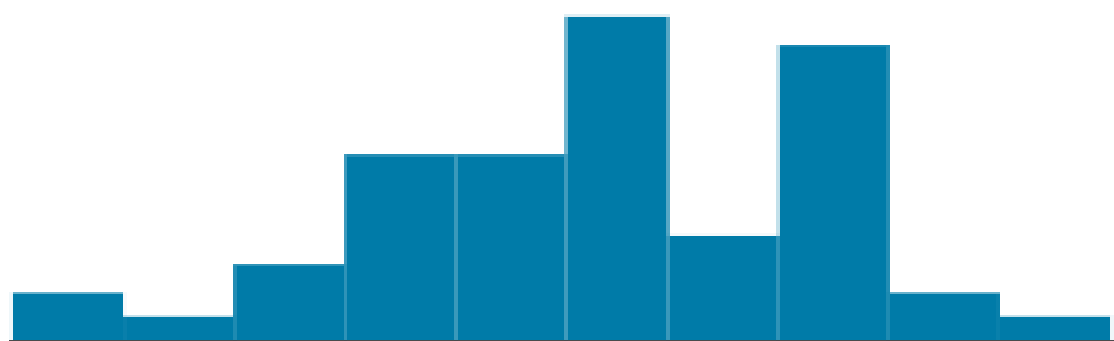
### After Execution:





### Administration:

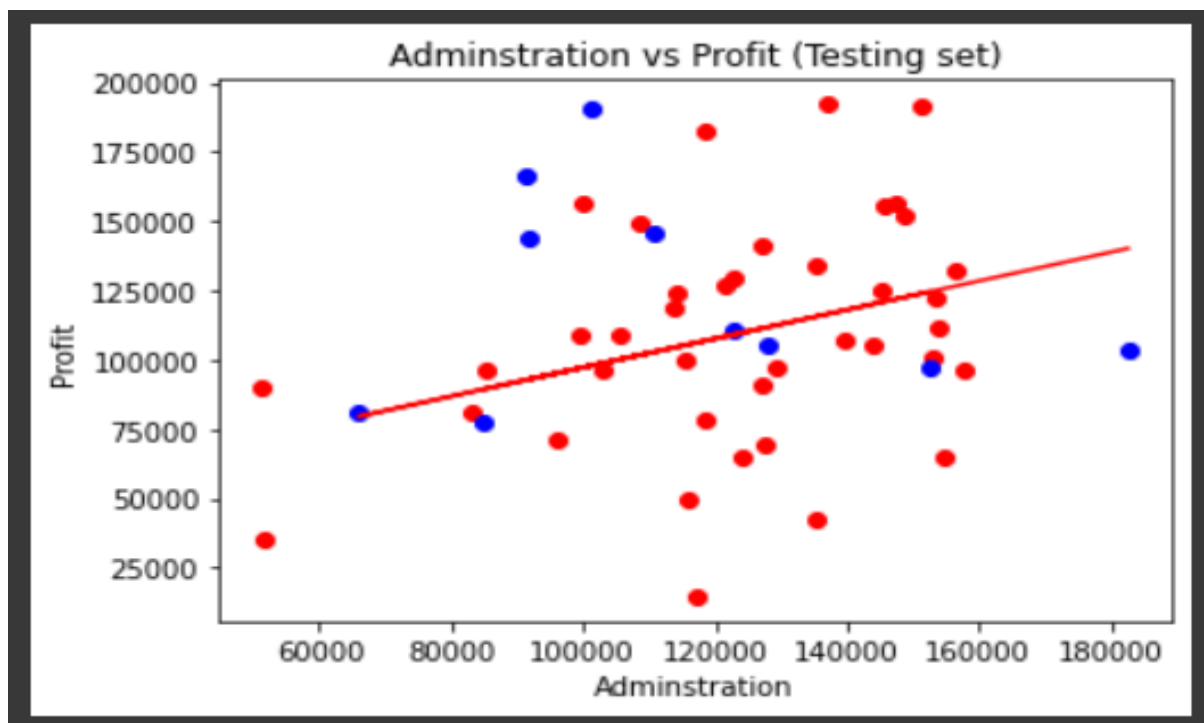
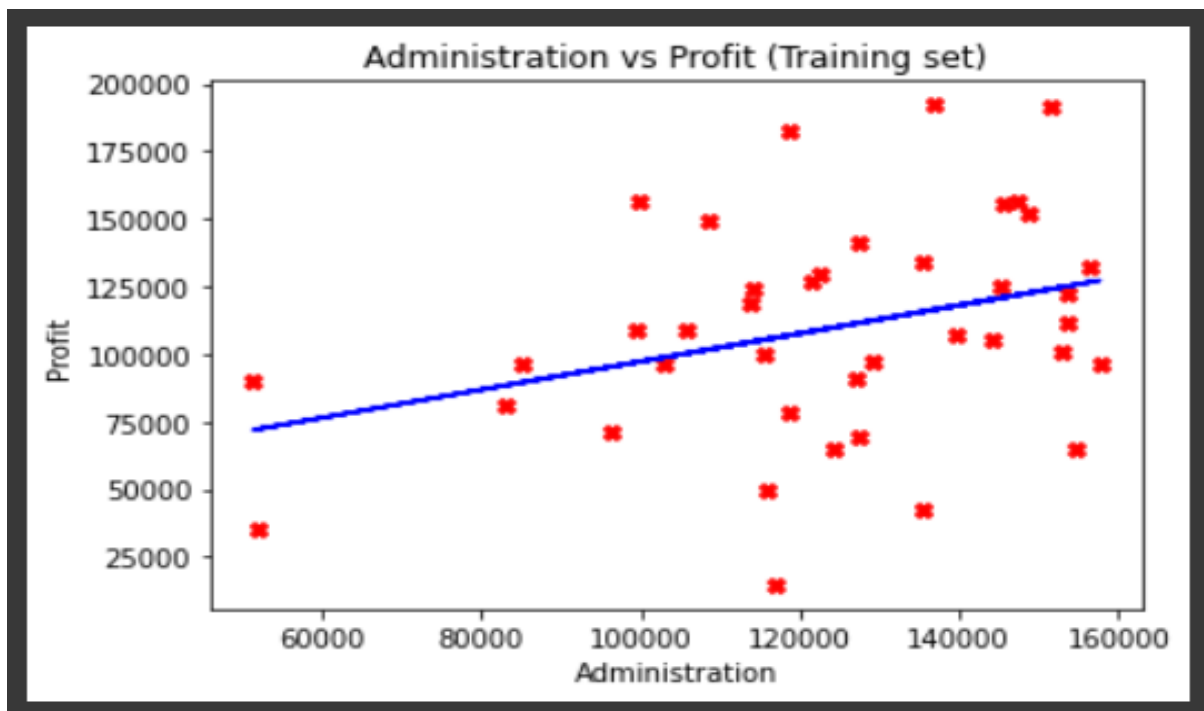
# Administration



51.3k

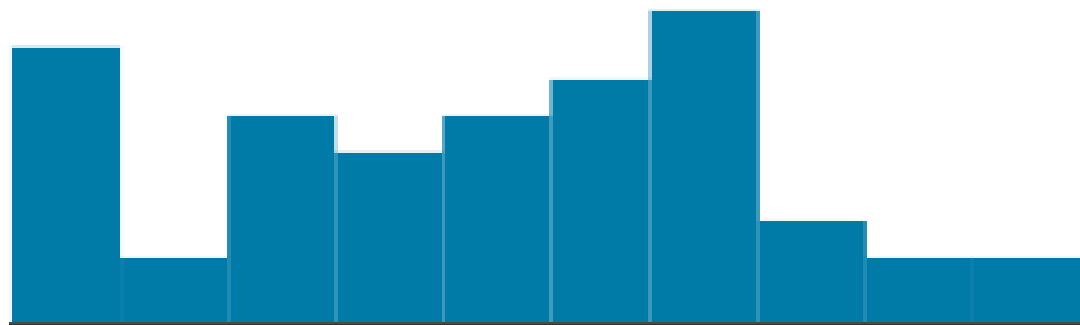
183k

**After Execution:**



## Marketing Spend:

# # Marketing Spend



0

472k

## After Execution:





**Logistic Regression:**

