Linear Regression Algorithm and Decision Tree Algorithm implementation on a data set to assess Mean Squared Error and Accuracy Score Respectively.

**Description:**

**Objectives:**

The reason behind doing this project is to find the mean squared error value of Linear Regression Algorithm and accuracy score value of Decision Tree Algorithm on a specific dataset.

**Motivations:**

There are many works available in public domain where algorithms of same category were applied on a specific dataset to asses which algorithm works best for that specific dataset. Since machine learning course is being completed, so it became interesting to us to apply algorithm of different categories and to look out the out that has been learnt through this course.

**Existing Works:**

The dataset which has been collected for doing this project, was collected from kaggle (a website) by one of the group members. On this dataset, logistic regression model was applied which is a classification algorithm. But applying Decision Tree which is a Classification Algorithm and Linear Regression Algorithm which is a Regression Algorithm, has not been seen yet.

**Model:**

The model has been implemented with the help of scikit learn (sklearn).