**Capstone Project Submission**

**Instructions:**

i) Please fill in all the required information.

ii) Avoid grammatical errors.

|  |
| --- |
| **Team Member’s Name, Email and Contribution:** |
| 1. ) Dhanraj A Tiwari - [rishutiwari020@gmail.com](mailto:rishutiwari020@gmail.com) 2. Exploratory Data Analysis 3. ElasticNet 4. ) Raghavendra Narayana - [narayanaraghavendra8@gmail.com](mailto:narayanaraghavendra8@gmail.com) 5. Linear Regression. 6. Lasso, Ridge. |
| **Please paste the GitHub Repo link.** |
| Github Link:- <https://github.com/DhanrajTiwari/Retail-Sales-Prediction> |
| **Please write a short summary of your Capstone project and its components. Describe the problem statement, your approaches and your conclusions. (200-400 words)** |
| **We got rossmann dataset in which at first we are cleaning the data and going for exploratory data analysis and then doing an linear regression and at last checking for an accuracy. Our main moto is to find out the sales happen according to the given independents column.**  **We are using some packages for our prediction :**  import pandas as pd  import numpy as np    import seaborn as sns  import matplotlib.pyplot as plt  from sklearn.model\_selection import train\_test\_split  from sklearn.preprocessing import StandardScalar  from sklearn.linear\_model import LinearRegression  from sklearn.metrics import mean\_squared\_error  from sklearn.metrics import r2\_error  from sklearn.linear\_model import Lasso  from sklearn.linear\_model import Ridge  from sklearn.linear\_model import ElasticNet  from sklearn.model\_selection import GridSearchCV |