

1. [Installation]

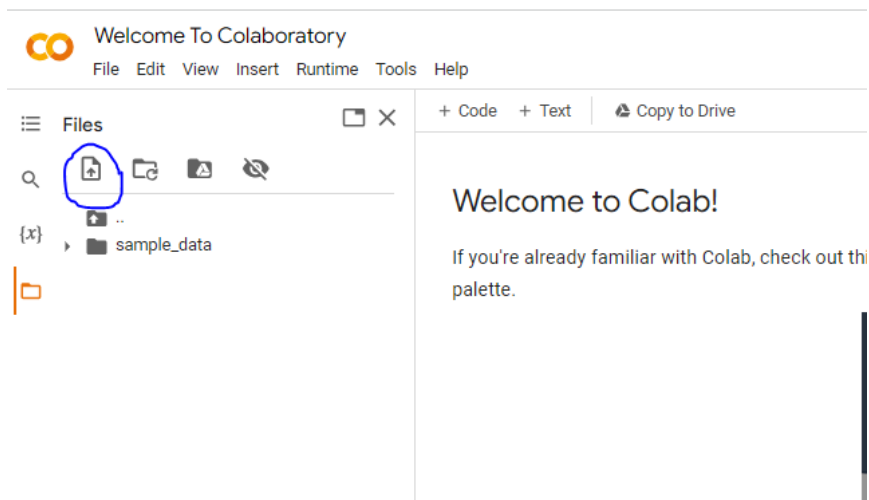
All the required libraries are imported in the ipynb file.

Note: If another IDE is used then please install the libraries.

pip install mord scikit-learn pandas numpy

2. [Usage]

- Open <https://colab.google/>
- Click on the open collab button.
- Click on upload and then click on browse.
- Select the 'Q1.ipynb' file and upload it.
- Click on 'upload to session storage'. Please do not upload it in any other folder.



- Select the 'mess_data.csv' file and upload it.
- Run all the cells in the order.

3. [Results]

Ordinal Regression Metrics:

Mean Absolute Error testing dataset: 0.390625

Linear Regression Metrics:

Mean Absolute Error testing dataset: 0.39375

The mean_absolute_error in Ordinal Regression is slightly less than mean_absolute_error on Linear Regression. It means Ordinal Regression performed better than the Linear Regression.

