Title

PERFORMING EXPLORATORY DATA ANALYSIS

Introduction

- EDA stands for Exploratory Data Analysis.
- It is an approach to analyzing data sets to summarize their main characteristics, often using visual methods
- Steps involved: EDA and Linear Regression.
- Tools used: Python, pandas, scikit-learn, matplotlib.
- Objective: Predict CO(GT) using sensor data

Exploratory Data Analysis (EDA)

1. IMPORTING LIBRARIES:

- *Numpy.*
- *Matplotlib.*
- *Pandas.*
- *Seaborn.*
- *Scikit-learn.*

2. Data Cleaning:

- *Checking for null values.*
- *Checking for unique values.*
- *replace null values.*

3. Visualization:

- *Histograms*
- *pie chart.*

Visualization and Conclusion

1. Plotting Results:

- Result will be in histogram & pie chart.

2. Conclusion:

- Visual analysis of model performance.
- Insights from the plot.

3. Future Work:

- Explore other models and features.