Methods and techniques used

Exploratory Data Analysis

EDA is used by data scientists to manipulate data sources and to discover patterns and anomalies, test a hypothesis and check assumptions

**Steps in Data Exploration and Preprocessing**

1. Identification of variables and data types
2. Analyzing the basic metrics
3. Non-Graphical Univariate Analysis
4. Graphical Univariate Analysis
5. Bivariate Analysis
6. Variable transformations
7. Missing value treatment
8. Outlier treatment
9. Correlation Analysis
10. Dimensionality Reduction

Diagram, schematic

Description automatically generated