We will handle this problem in a structured way.
We will be following the table of content given below.

1. Problem Statement

2. Hypothesis Generation

3. Loading Packages and Data

4. Data Structure and Content

5. Exploratory Data Analysis

- Univariate Analysis

- Bivariate Analysis

6. Missing Value Treatment

7. Feature Engineering

8. Encoding Categorical Variables

- Label Encoding

- One Hot Encoding

9. PreProcessing Data

10. Modeling

- Linear Regression

- Regularized Linear Regression

- RandomForest

- XGBoost