



TLC Data Analysis Proposal

12.06.2023

—

Noor Ul Huda Ajmal

Automatidata

123 Your Street

ABC , ST 12345

Overview

The New York City Taxi and Limousine Commission wants to have a model that predicts the taxi ride fares based on the potential features associated with the taxi ride. They provide a past dataset to build inferences based on that.

Goals

1. Analyze the data provided by the New York TLC, and search for potential patterns found in it.
2. Build a Machine Learning model to predict the fare before the ride based on certain features.

Milestones

- I. Establish structure for project workflow.
- II. Write a project proposal.
- III. Compile summary information about the data.
- IV. Begin exploring the data.
- V. Cleaning and Structuring the data.
- VI. Building Visualization and documenting data exploration report.
- VII. Computing Descriptive Statistic of the data.
- VIII. Conduct Hypothesis testing.
- IX. Building regression model.
- X. Evaluating the model.
- XI. Communicating the data insights with the stakeholders.