

Uber & Lyft Cab prices and TLC Trip Record Data

Data Description

we have two datasets :

1- Uber & Lyft Cab prices :

The cab ride data covers various types of cabs for Uber & Lyft and their price for the given location. You can also find if there was any surge in the price during that time. It contains 693,072 rows and 10 columns .

2- TLC Trip Record Data :

The yellow taxi trip records include fields capturing pick-up and drop-off dates/times, pick-up and drop-off locations, trip distances, itemized fares, rate types, payment types, and driver-reported passenger counts. The data used in the attached datasets were collected and provided to the NYC Taxi and Limousine Commission (TLC). It contains more than 10 millions rows and 19 columns.

Questions

1. What the highest and lowest price according to the road distance ?
2. What is the expectation of the highest price based on the amount of fare?
3. What predict the price of the trip according to the type of car ?

Tools

- **Technologies:** Python, Jupiter notebook .
- **Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Sklearn.