

Uber Trips Data Analysis

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Project Objective

- To analyze Uber trip patterns using SQL and Python.
- We aim to understand trip completion, cancellations, and car unavailability.

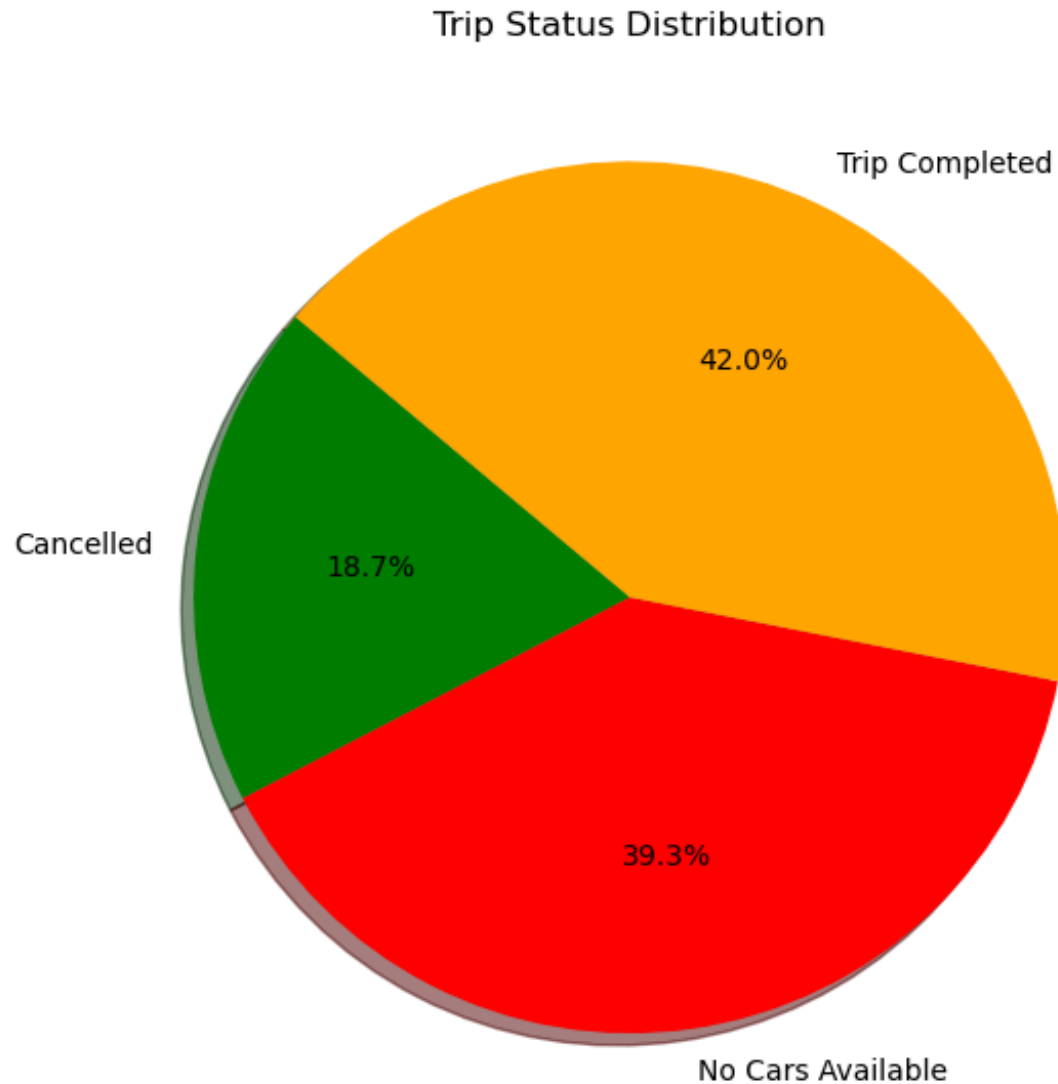
Data Overview

- • Dataset: Uber_Cleaned.xlsx
- • Key Columns: Status, Pickup point, Request time, Drop time
- • Status Types: Trip Completed, Cancelled, No Cars Available

Key Questions Explored

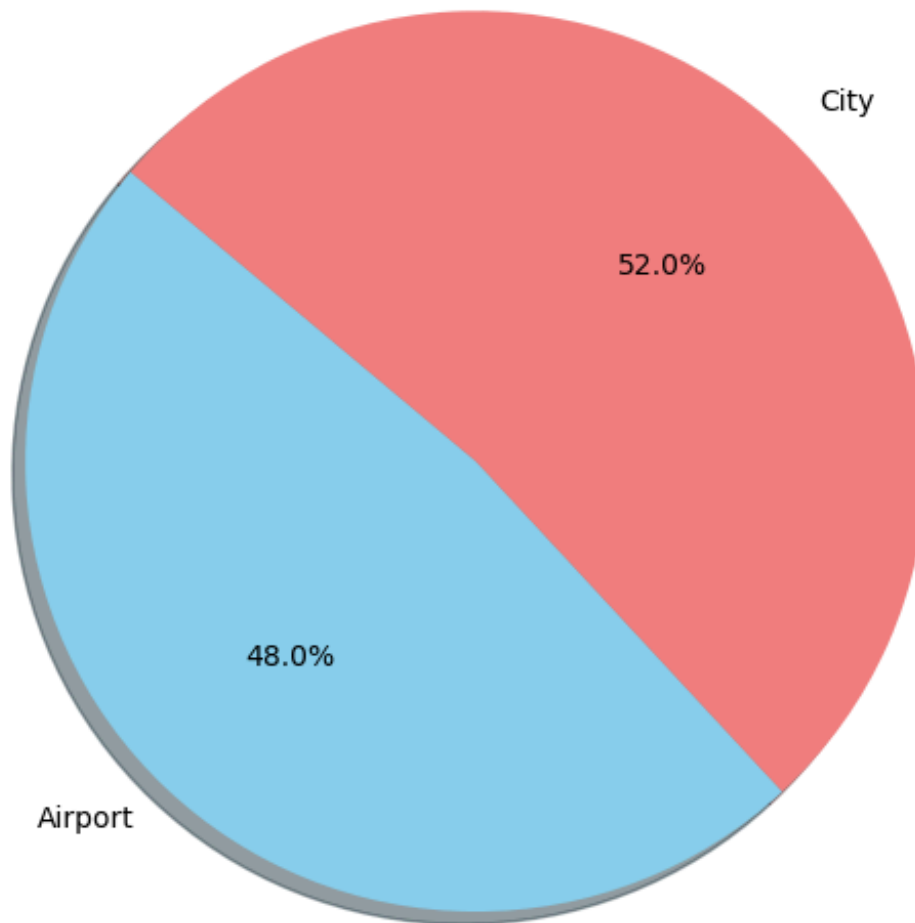
- • What is the overall distribution of trip statuses?
- • Which pickup point had the most successful trips?
- • Where were cancellations and unavailability highest?

How Did Uber Trips End?

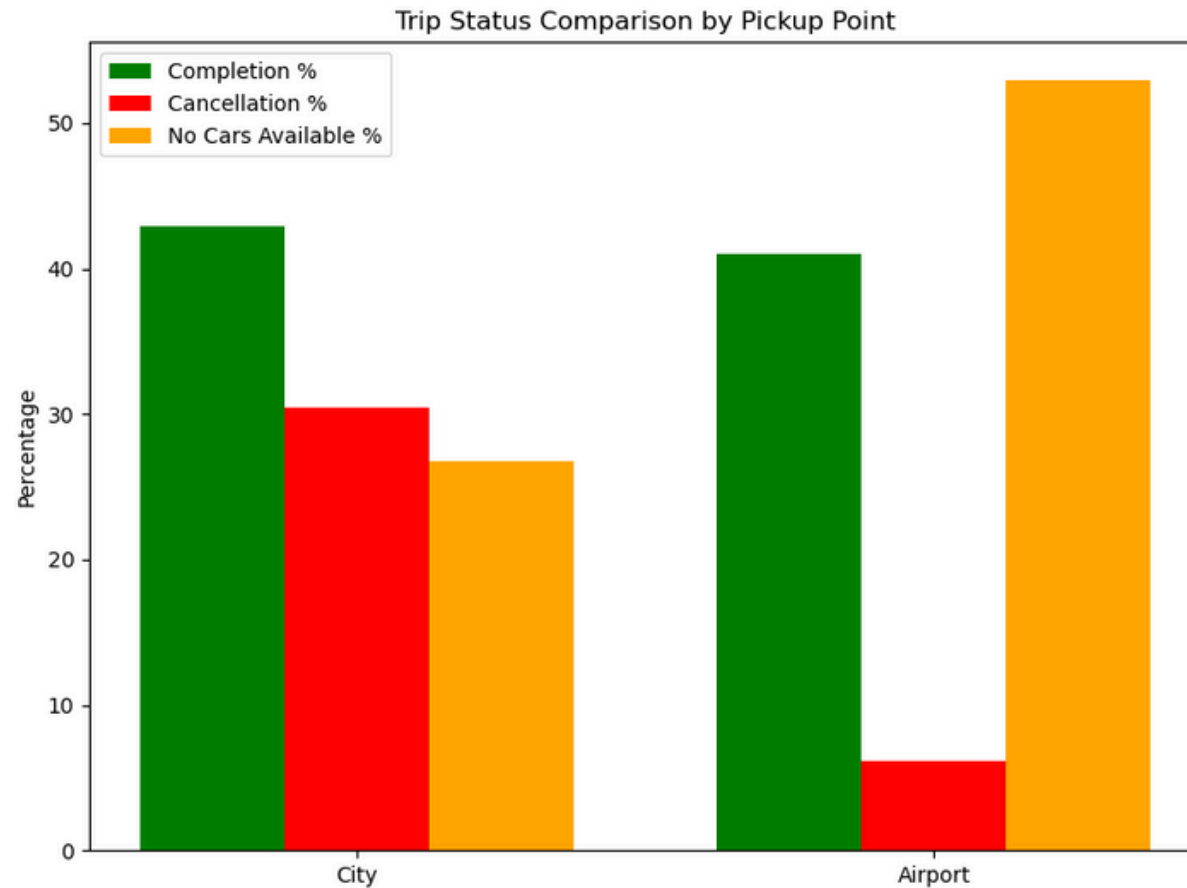


Where Were Trips Requested From?

Pickup Point Share



Success vs Failure by Location



Key Insights from the Analysis

- • Most trip requests came from the Airport, but many were not completed.
- • City trips had the highest completion rate and lowest cancellations.
- • No Cars Available was a major issue for Airport pickups.
- • Improving driver availability in the Airport could raise success rates.
- • This data suggests operational focus should shift to Airport requests.

Thank You!

Questions are welcome.