

Uber Fares Dashboard (.pbix) - Full Project Description

This document describes the structure and purpose of the Uber_Fares_Dashboard.pbix file created

as part of the Uber Fares Data Analysis project.

PBIX File Contents:

1. Dataset: Cleaned and transformed data exported from Python after data wrangling.

2. Data Model:

- * Relationships established between variables (e.g., date-time, fare amount)

- * Time-based features engineered: Hour, Day of Week, Month

Power BI Visuals Included:

- * Histogram of Fare Amounts

- * Boxplot for Fare Outliers

- * Bar chart: Number of rides by Hour of Day

- * Line chart: Average fare by Day of Week

- * Donut chart: Total fare by Month

- * Map visual (if coordinates available) for spatial trends

Dashboard Features:

- * Interactive slicers for filtering by date and time

- * Tooltips for detailed ride metrics* Clean and consistent formatting

Insights Delivered:

- * Identification of peak hours for Uber rides

- * Common fare ranges and outliers
- * Time-based trends in ride frequency and fare pricing

Tools Used:

- * Python (Pandas, Matplotlib) for data cleaning and EDA
- * Power BI for dashboard design and visualization

This PBIX file is hosted on Google Drive due to GitHub file size limits.

Access it here:Access it here:

<https://drive.google.com/file/d/1df0aOG7HO7kNrDoYEsnBjGI8NfVxvvT2/view?usp=drivesdk>