**Dashboards Overview**

# Dashboard 1: Flight Trends and Pricing Analysis

Explore comprehensive insights into flight pricing trends over various periods through this dashboard. It features:

* **Fare Fluctuations Line Chart**: Visualizes changes in ticket prices over time to pinpoint trends.
* **Base and Total Fares Dual-Axis Chart**: Breaks down ticket costs into base fares and additional charges, clarifying the composition of final prices.
* **Fare vs. Travel Duration Bubble Chart**: Investigates the relationship between fare amounts and flight durations, offering insights into the value provided by different flights.
* **Refundable vs. Non-Refundable Fares Pie Chart**: Differentiates fare types to aid in understanding customer preferences and pricing strategies.

Ideal for: Travelers and industry analysts looking to delve into fare dynamics and strategic pricing in the aviation sector.

**View Dashboard: Flight Trends and Pricing Analysis** <https://public.tableau.com/app/profile/ayush.aman8026/viz/FlightTrendsAndPricingAnalysis/Dashboard1>

# Dashboard 2: Travel Distance and Airport Analysis

This dashboard provides a detailed examination of the distances associated with various flights and their impact on fares:

* **Average vs. Total Travel Distance Scatter Plot**: Highlights trends and outliers in flight lengths.
* **Travel Distance by Starting Airport Bar Chart**: Identifies key airports and their typical flight distances, showcasing which serve as hubs for longer journeys.
* **Fare Trends by Airport Circle View Chart**: Analyzes fare variations between different starting and destination airports to uncover pricing strategies.

Ideal for: Route planners, frequent flyers, and analysts focusing on the relationships between travel distances, fares, and airport traffic.

**View Dashboard: Travel Distance and Airport Analysis** <https://public.tableau.com/app/profile/ayush.aman8026/viz/TravelDistanceandAirportAnalysis/Dashboard2>

# Dashboard 3: Route Analysis and Flight Characteristics

Delve into the details of flight routes and their characteristics with this dashboard, which includes:

* **Non-Stop vs. Connecting Flights Scatter Plot:** Compares fares between flight types to illustrate cost differences.
* **Cabin Class Distribution Pie Chart:** Displays the breakdown of passenger preferences and what airlines offer in terms of seating classes.

Ideal for: Airline operators, route planners, and aviation enthusiasts interested in a granular look at flight routes, types, and preferences.

View Dashboard: Route Analysis and Flight Characteristics <https://public.tableau.com/app/profile/ayush.aman8026/viz/RouteAnalysisandFlightCharacteristics/Dashboard3>