**Synthetic Flight Passenger Data**

**Introduction:**

With synthetic flight passenger data, we build the power Bi dashboard that provide valuable insight for airlines and airport business.

**TASKS**

**1.Passenger demographics & Trends.**

* Visualize data like age distribution, gender ratio, Travel purpose, Frequent flyer status etc.

## **2.Flight traffic Analysis.**

* Show the number of passengers per airline, route or destination.
* Compare peak travel time and seasonal fluctuation.

## **3.Revenue & Ticket pricing Insights.**

* Track ticket prices and revenue per flight or airlines.
* Analyze booking trends, cancellation, and seat occupancy rates.

## **4.Customer satisfaction & feedback.**

* Display rating or survey results from passengers.

### **5.Baggage & check in Efficiency.**

* Monitor average check-in method and Baggage handling performance.

### **6.Delay & Cancellation Analytics.**

* Examine reasons for flight delays and cancellations.
* Identify airports or routes with the highest disruptions.