

Airline Data Analytics for Aviation Industry

Literature Survey

► Paper-1

- *The Impact of COVID-19 on airline passenger travel behavior: An Exploratory analysis of the Chinese Aviation Market published by the Journal of Air Transport Management*
- This paper collected air passengers-level data from Travelsky in the Chinese market
- Ticket booking time, age distribution, refunds, and ticket changes, and passenger's arrival time are explored

► Paper -2

- *Airline data analysis for the aviation Industry published by Journal of Transport Geography-Competition in the European aviation market: the Entry of low –cost airlines*
- This paper investigates the price-setting behavior of full-service airlines in the European passenger aviation market.
- This paper develops a model of airline competition, which accommodates various markets structures, some of which include low-cost players

► Paper-3

- *Airline Data Analysis for Aviation Industry”Customer Expectation Satisfaction and Loyalty Relationship in Turkish Airline Industry*

- ▶ In recent years, the development rate of aviation industry in Turkey has ascended faster than the rate of the world aviation industry.
- ▶ Therefore, for airline companies, understanding passenger expectations, satisfaction and loyalty relationship has become very important because of tough competition in the industry.
- ▶ The main objective of this study is to find the relationship among the above-mentioned variables in the Turkish airline industry.

▶ Paper-4

- ▶ *Airline Data analysis for aviation industry Research in Transportation Economics, July 2013*
- ▶ The next generation of safety challenges now require the development and understanding of new forms of data to improve safety in other segments of commercial aviation
- ▶ Safety performance has not been evenly distributed across all segments of commercial aviation, nor among all countries and regions of the world

▶ Paper-5

- ▶ *Airline data analysis for aviation industry: CUSTOMER SATISFACTION IN THE AIRLINE INDUSTRY: THE ROLE OF SERVICE QUALITY AND PRICE*
- ▶ In the service industry, service quality and price have an important role in influencing customer satisfaction
- ▶ This paper serves to add knowledge by improving the understanding of how service quality and price affect customer satisfaction in full-service airlines and low cost airlines.

► **Paper-6**

► ***Competition in the European aviation market: the entry of low-cost airlines journal***

- **This paper investigates the price-setting behavior of full-service airlines in the European passenger aviation market. We develop a model of airline competition, which accommodates various market structures, some of which include low-cost players.**
- **We find that competition among full-service carriers appears to affect the price levels of the business and the leisure segments asymmetrically:**