



Flyzy Flight Analysis

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Factors Affecting Flight Ticket Prices

- Demand
 - Booking Time
 - Route &
 - Distance Airline
 - Fuel Prices
 - Taxes & Fees
 - Class Of Service
 - Booking Channel
- 
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Data Analysis

- **Connecting Data Sources and Cleaning Data**

- In Power BI analysis of Flyzy Flight Analysis, I took the first step of acquiring the data. I performed some basic data cleaning by removing an unnecessary index column from the dataset and changing the Data type.
- Creating measures in Power BI is an important step in data analysis, by calculating the average duration and price, we can gain insights into the typical flight duration and pricing trends of Flyzy flights.
- Create a calculating table using dax
- Overall, by performing basic data cleaning and aggregation.

- Exploratory Data Analysis

- I have taken the first step of getting the data into Power Bi and performed some basic cleaning by removing an unnecessary index column from the dataset.
- Creating measures in Power Bi is an important step in data analysis, by calculating the **outliers** we can get insights into the typical flights and pricing trends of Flyzy flights.
- Identifying patterns, trends, and relationships between variable.
- Find distribution of flight ticket and average flight ticket by airlines.

Data Insights and Visualizations

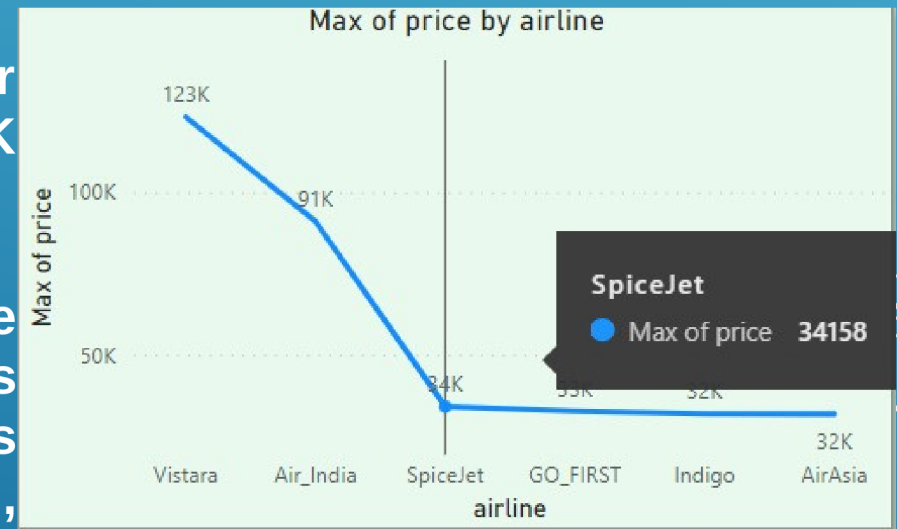
- Minimum flight ticket price by airline:

The donut chart below shows the minimum flight ticket price for each airline for a one-way ticket.

- The data shows that Indigo offers the lowest minimum ticket price, at 1K.

- Air Asia and Go-First Airlines also offer relatively low minimum prices, at 1K and 1K respectively.

It is important to note that these are minimum prices and actual ticket prices may vary depending on various factors such as the days left, time of travel, advance booking, and availability.



Data insights and visualizations

- Average Flight Ticket Price by Airline and Stops:

The chart below shows the average flight ticket price for each airline, segmented by the number of stops

The data shows that Go-First offers the lowest average ticket price for direct flights, 3.5K, followed by Air Asia, Indigo, and Spice jet.

It is important to note that these are average prices and actual ticket prices may vary depending on various factors such as the days left, time of travel, advance booking, and availability.

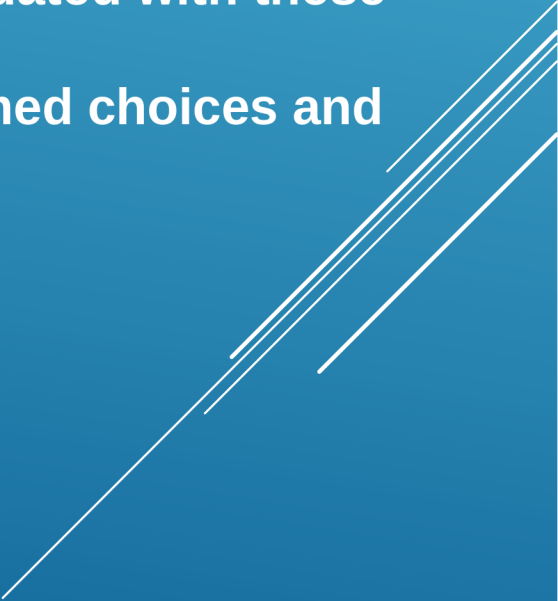
Travelers can use this data to compare prices between airlines and different numbers of stops to find the best deals and save money on their flights.



Conclusion

In conclusion, the results of our analysis highlight the importance of understanding

the various factors that impact flight ticket prices. By considering these factors, travelers can make informed decisions when booking flights, and airlines can develop effective pricing strategies. It is essential to stay updated with these factors and their impact on flight ticket prices to make informed choices and achieve cost-effective travel.

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Thank You

