

INTRODUCTION

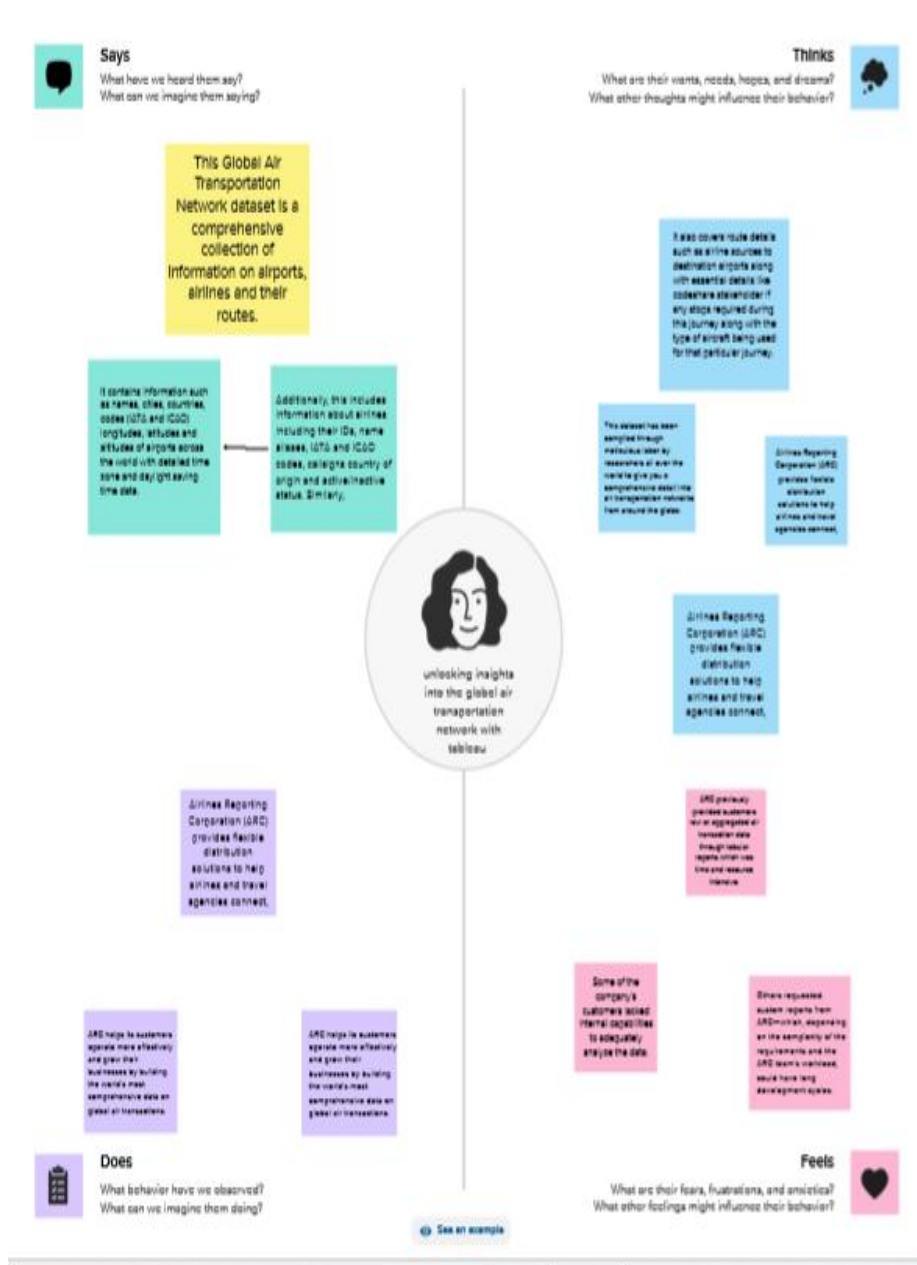
Overview:

Project Description

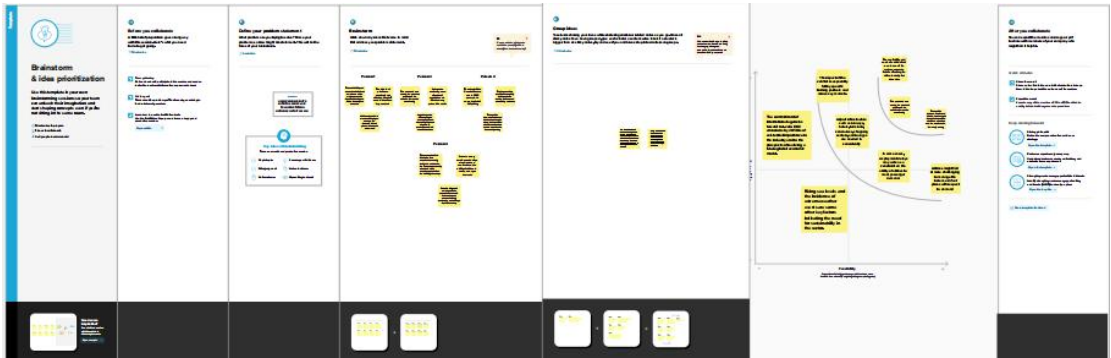
This Global Air Transportation Network dataset is a comprehensive collection of information on airports, airlines and their routes. It contains information such as names, cities, countries, codes (IATA and ICAO) longitudes, latitudes and altitudes of airports across the world with detailed time zone and daylight saving time data. Additionally, this includes information about airlines including their IDs, name aliases, IATA and ICAO codes, callsigns country of origin and active/inactive status. Similarly, it also covers route details such as airline sources to destination airports along with essential details like codeshare stakeholder if any stops required during this journey along with the type of aircraft being used for that particular journey. This dataset has been compiled through meticulous labor by researchers all over the world to give you a comprehensive detail into air transportation networks from around the globe.

Technical Architecture:

EMPATHY MAP

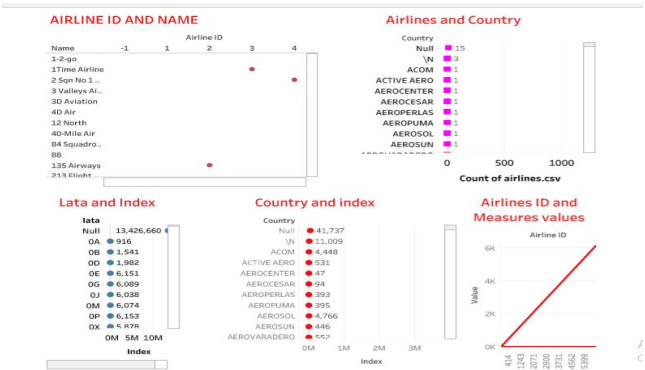


BRAINSTROM

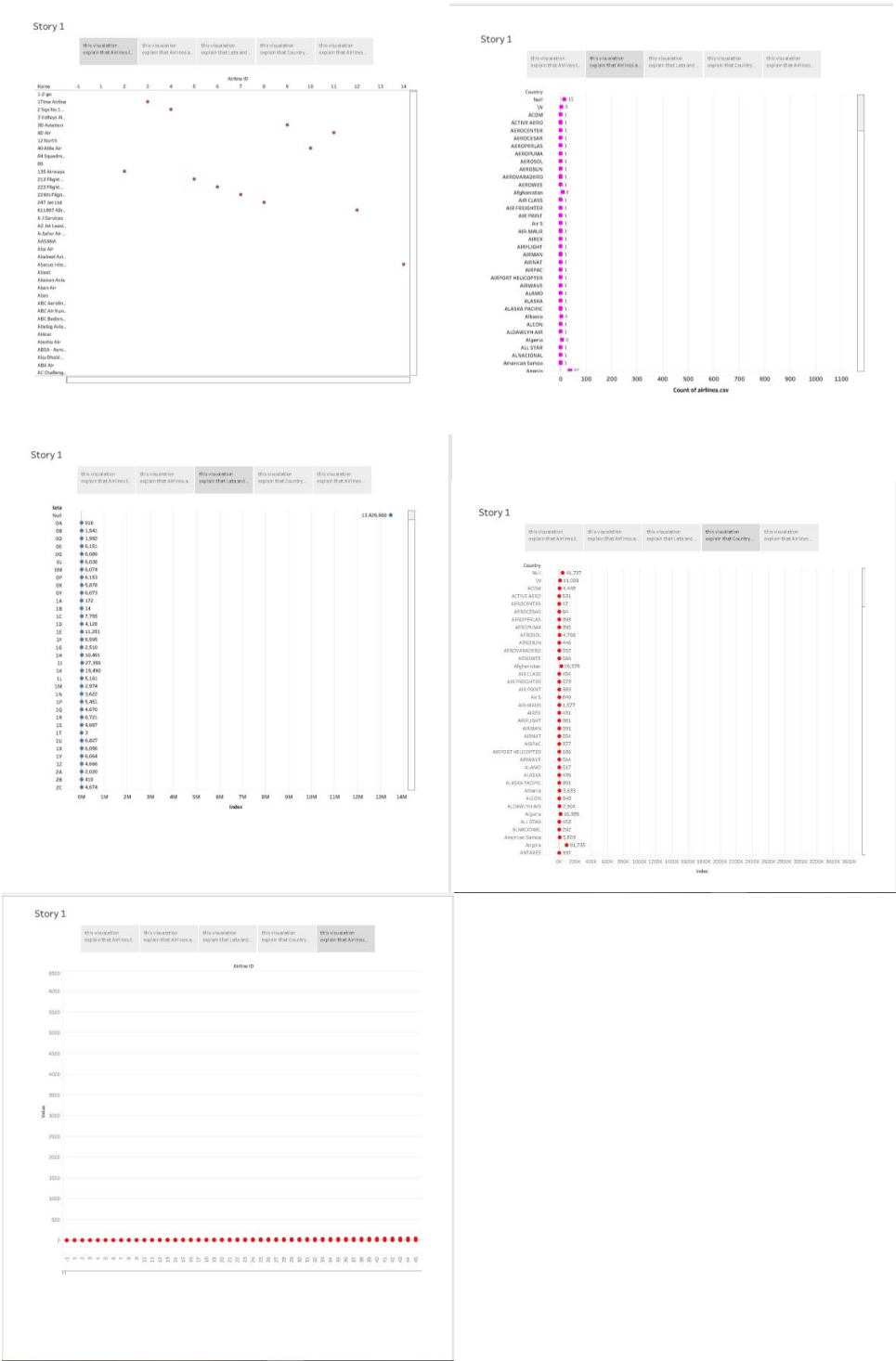


Result

Dashboard:



Story:



Video demonstration link :

<https://youtube.com/watch?v=7IRWr3xqzm4&si=6lw6ayRZfJMP0DoG>

dashboard

<https://public.tableau.com/app/profile/manoj.s5363/viz/GlobalAirTransportation/Dashboard1?publish=yes>

story

<https://public.tableau.com/app/profile/manoj.s5363/viz/GlobalAirTransportation/Story1?publish=yes>

Advantages and Disadvantages

Advantages of Tableau:

- High Performance: Users rate Tableau's overall performance as strong and secure. ...
- Mobile-friendly: ...
- Extensive Customer Resources: ...
- Excellent Mobile Support: ...
- Easy to Upgrade: ...
- Low Cost: ...
- Quality Customer Service: ...
- Ease of Use:

Disadvantages of Air Transport

- Risky. Air travel is the riskiest mode of transport, since there can be considerable losses to goods, customer and crews as a result of a minor crash. ...
- Cost. ...
- Some Product Limitation. ...
- Capacity for Small Carriage. ...
- Enormous investment.

Applications:

It is used for various purposes, such as business and leisure travel, the delivery of time-sensitive goods, and emergency response and rescue missions.

Conclusion:

In conclusion, the Indian aviation industry has undergone significant developments and growth in recent years. The expansion of regional connectivity, emergence of low-cost carriers, increased investment in infrastructure, and adoption of technological advancements have all contributed to the growth of the industry.

Future Scope:

In conclusion, the Indian aviation industry has undergone significant developments and growth in recent years. The expansion of regional connectivity, emergence of low-cost carriers, increased investment in infrastructure, and adoption of technological advancements have all contributed to the growth of the industry.