

GLOBAL AIR TRANSPORTATION NETWORK

1.INTRODUCTION

1.1 Overview:

The worldwide air transportation network is a small-world network in which

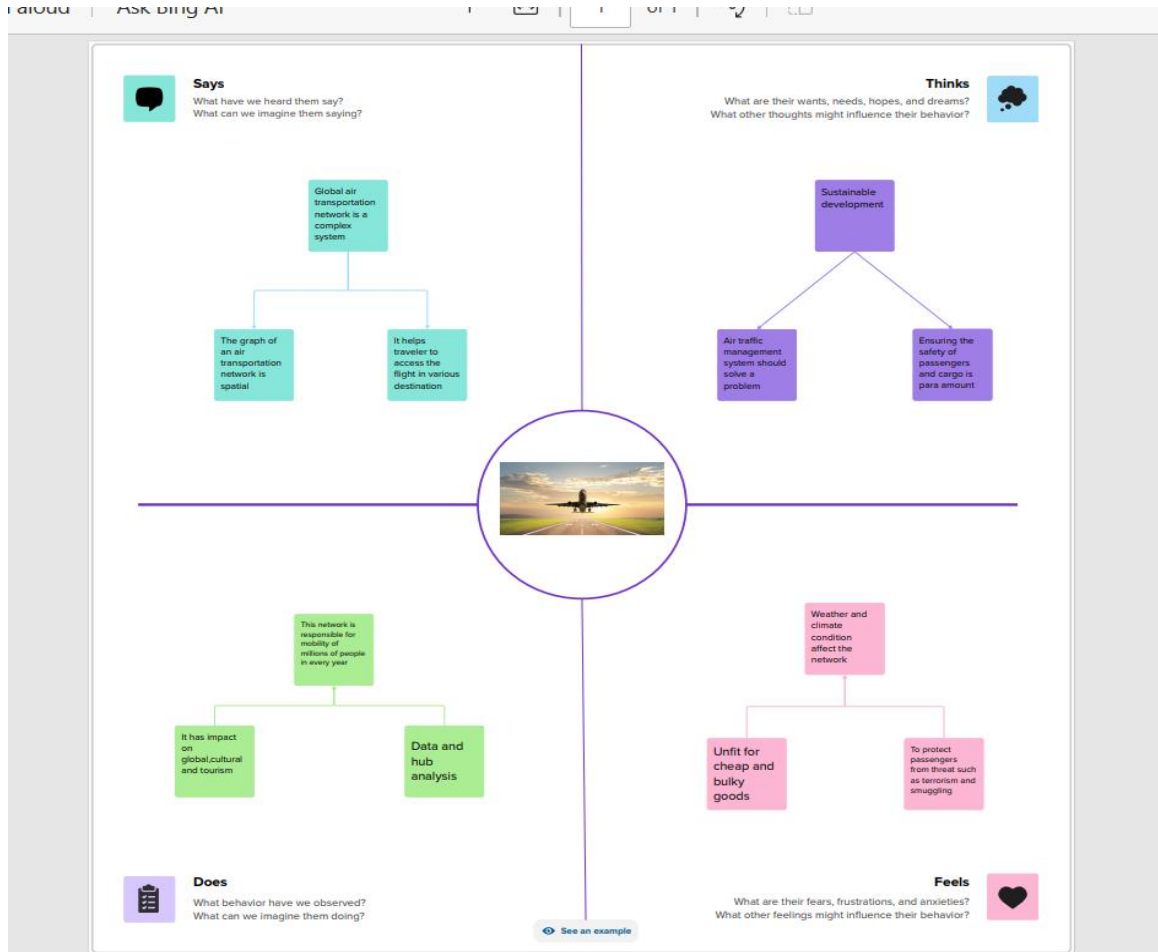
- (i) the number of nonstop connections from a given city and
- (ii) The number of shortest paths going through a given city have distributions that are scale-free.

1.2 Purpose

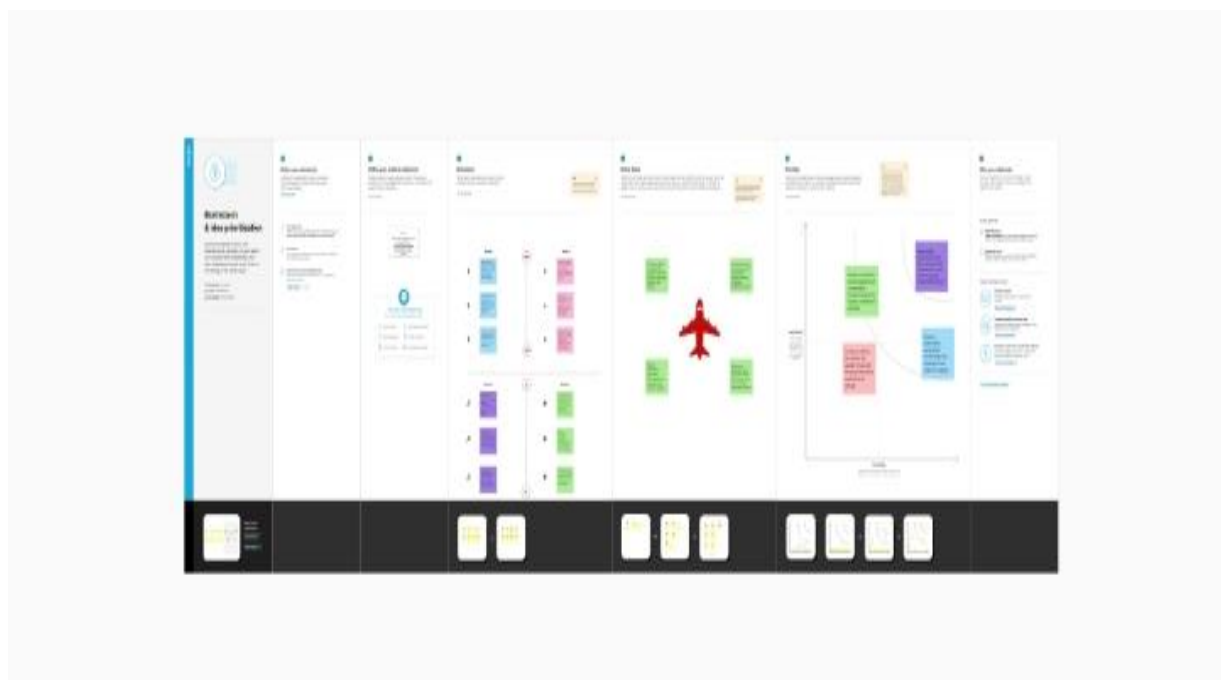
The air transport network is a key infrastructure asset. It is the only worldwide passenger and cargo transportation network, providing an essential link between individual countries and the wider global economy. Air services create significant value for passenger and freight users.

2.Problem definition & Design Think

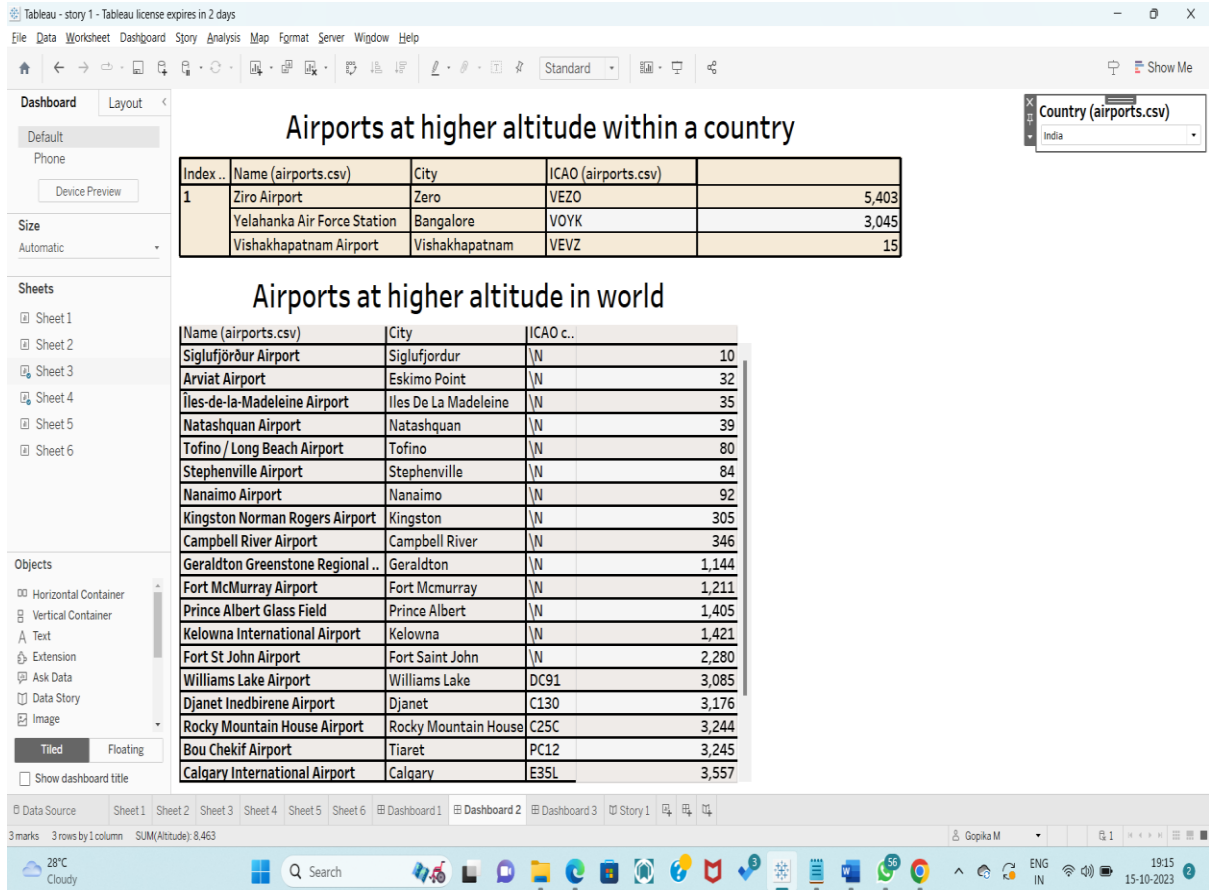
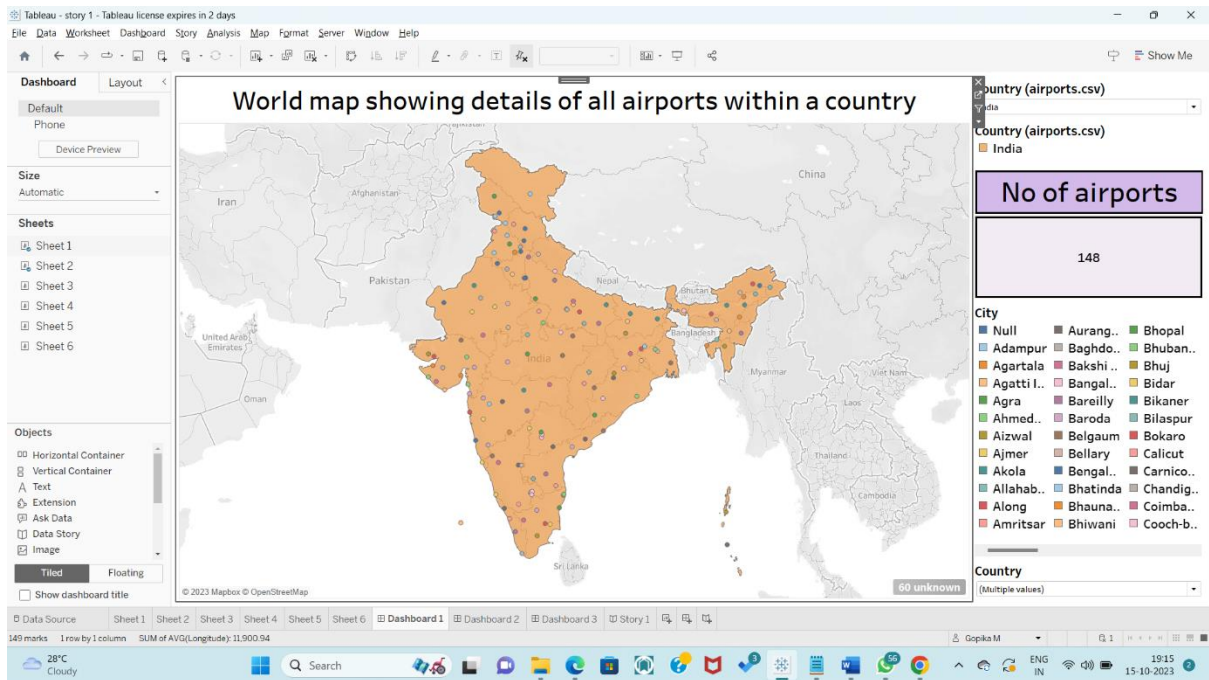
2.1 Empathy map:

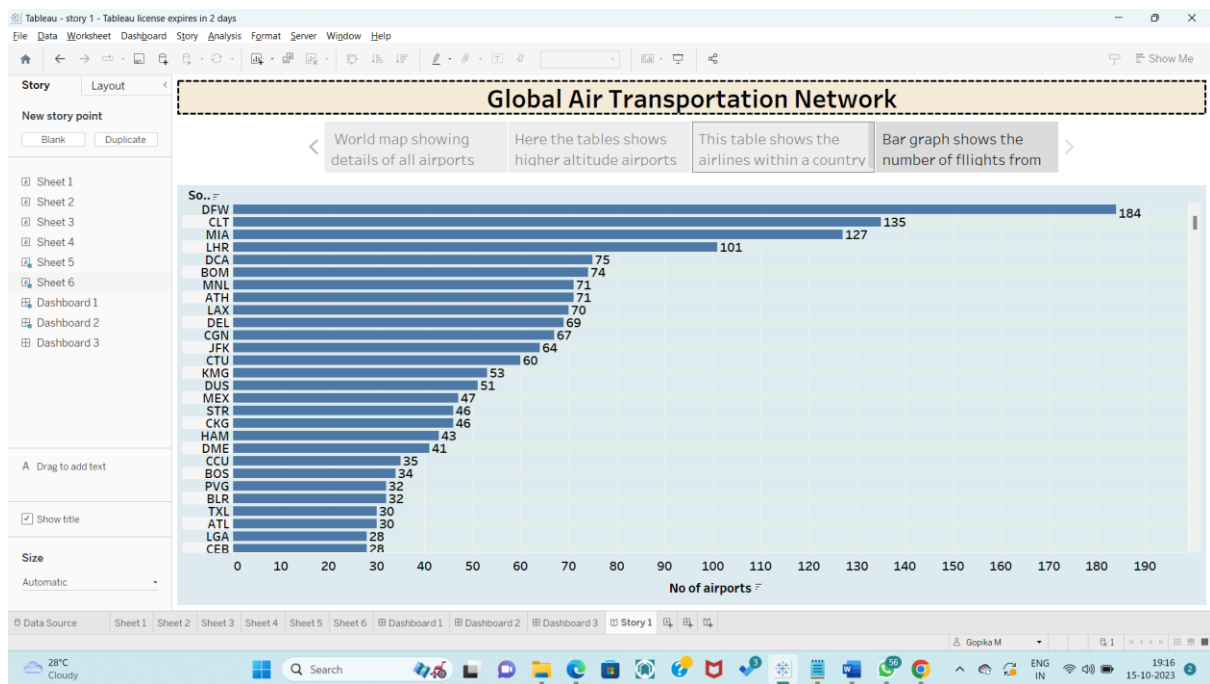
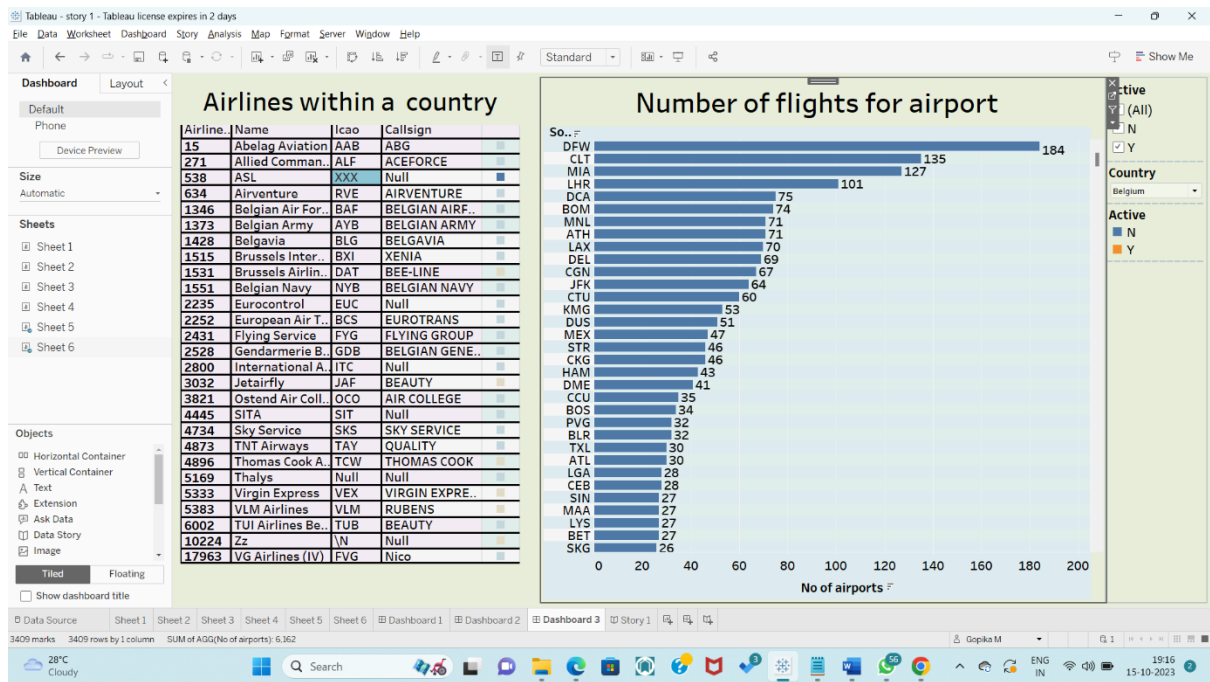


2.2 Ideation and brainstorming map screenshot



3. Result





4. Advantage and disadvantage

1. Advantage of air transport

1. [1. High Speed](#)
2. [2. Fast Service](#)
3. [3. Send almost everywhere your freight](#)
4. [4. High Standard of Security](#)
5. [5. Natural Route](#)
6. [6. There is less need for heavy packaging](#)

2. [Disadvantages of Air Transport](#)

1. [1. Risky](#)
2. [2. Cost](#)
3. [3. Some Product Limitation](#)
4. [4. Capacity for Small Carriage](#)
5. [5. Enormous investment](#)

5.Application

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

6.Conclusion

As the industry continues to evolve, IATA will remain an important player in shaping the future of air transport. In conclusion, the International Air Transport Association has

been instrumental in developing and improving the air transport industry.

7.Future scope



Emerging technologies are reshaping with robotics, artificial intelligence, the internet of things, unmanned aircraft systems and the push for hybrid and electric airplanes – just to name a few. Alternative fuels can significantly change the current scenario of aviation in support of the environmental protection.