UNLOCKING INSIGHTS INTO THE GLOBAL AIR TRANSPORTATION NETWORK WITH TABLEAU

1.Introduction

1.1.Overview

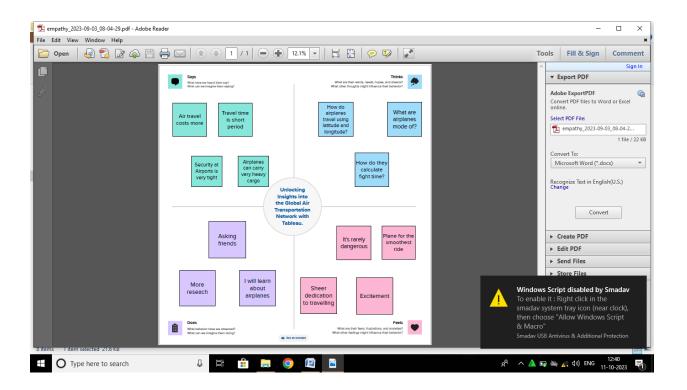
This Global Air Transportation Network dataset is a comprehensive collection of information on airports, airlines and their routes. It contains information such as names, cities, countries, codes (IATA and ICAO) longitudes, latitudes and altitudes of airports across the world with detailed time zone and daylight saving time data.

1.2.purpose

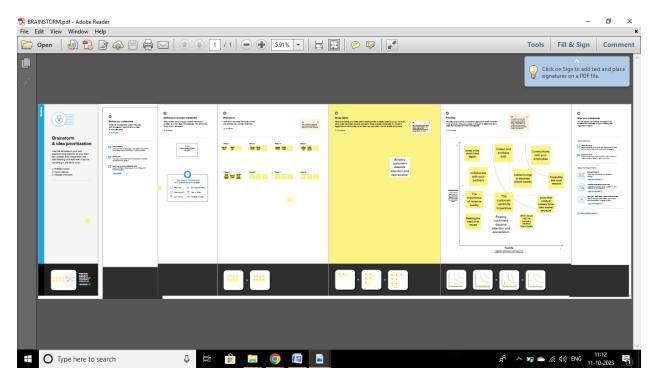
This dataset has been compiled through meticulous labor by researchers all over the world to give you a comprehensive detail into air transportation networks from around the globe.

2. Problem definition & design thinking

2.1.Empathymap

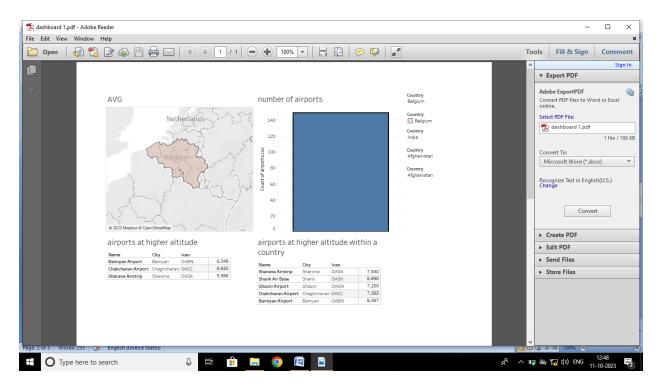


2.2.Brainstroming

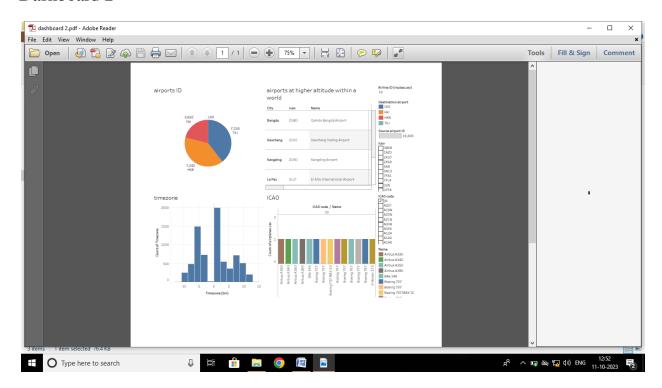


3.Result

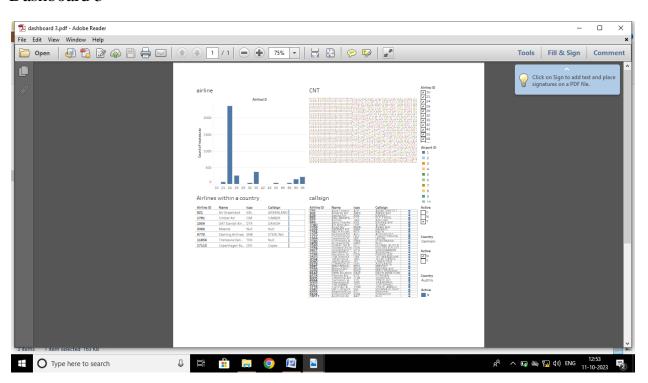
Dashboard 1



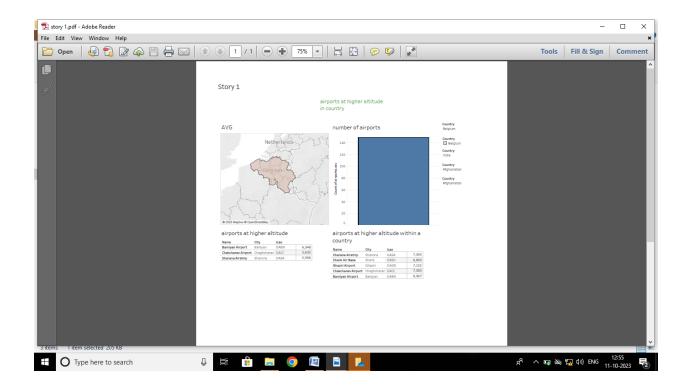
Dashboard 2



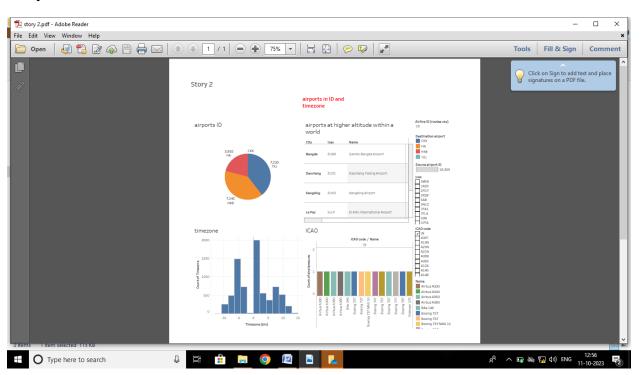
Dashboard 3



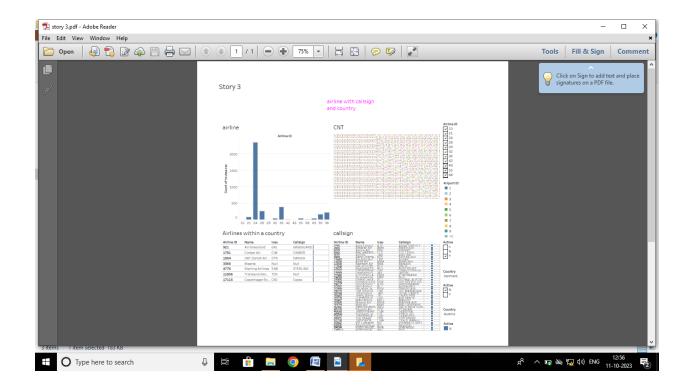
Story 1



Story 2



Story 3



4. Advantages & Disadvantages

- Advantages of Air Transport: Global Reach. Reliable Timelines. Reduced Inventory Holding Costs. Enhanced Security.
 - Disadvantages of Air Transport. Higher Cost. Limited Capacity. Restrictions on Hazardous Goods.

5. Applications

The worldwide air transportation network is a critical infrastructure with high impact on mobility, trade and economy. Another examples are the air transport systems of a country or a country's own air transport company.

6.Conclusion

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7.Future scope

The most recent estimates suggest that demand for air transport will increase by an average of 4.3% per annum over the next 20 years. If this growth path is

achieved by 2036 the air transport industry will then contribute 15.5 million in direct jobs and \$1.5 trillion of GDP to the world economy.