REPORT ON, “Unlocking Insights into the Global Air Transportation Network with Tableau.”

INTRODUCTION

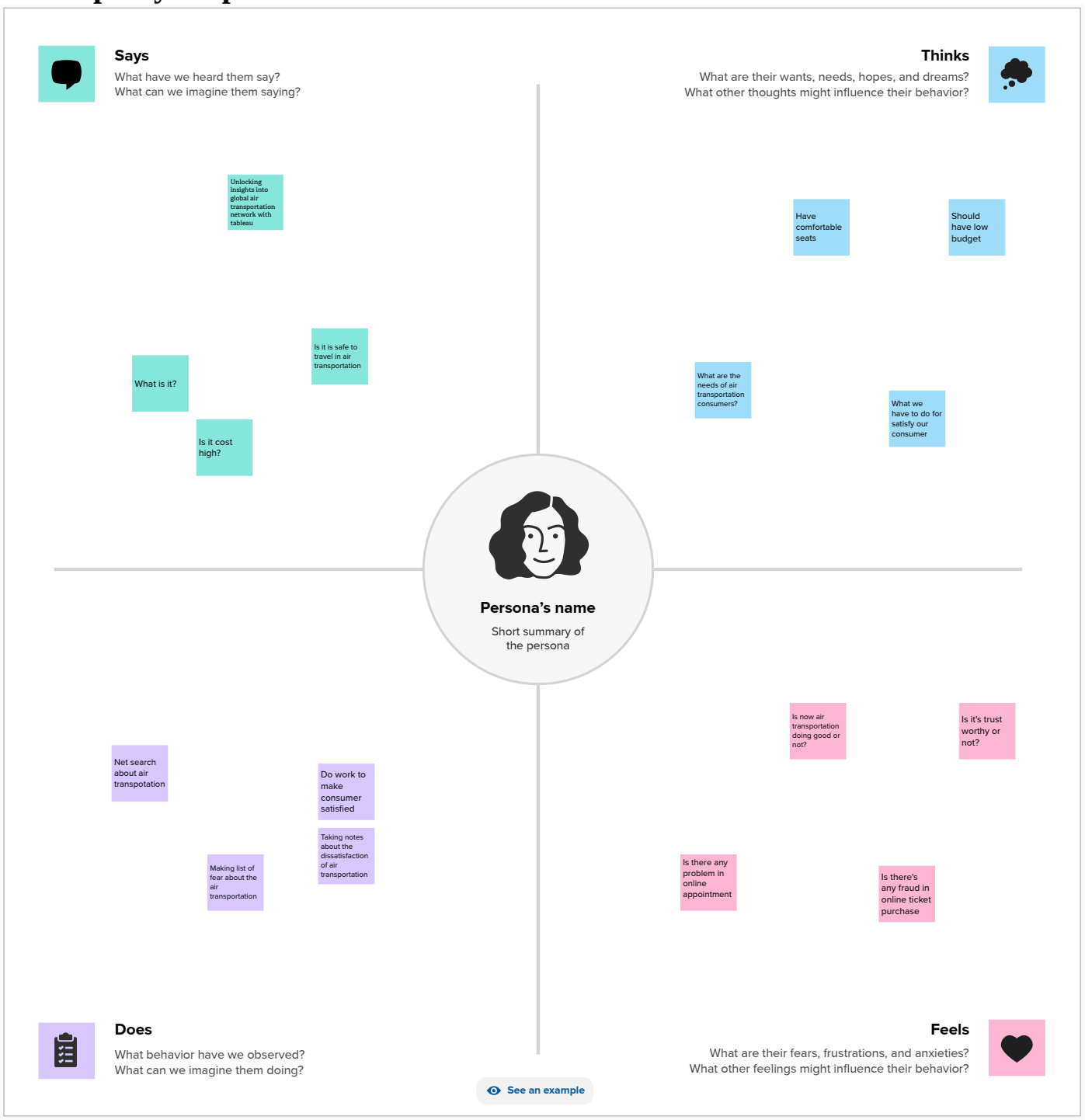
A literature survey for Global Air Transportation Network involves reviewing academic articles, books, and other sources related to the aviation industry including statistical, economic, financial models. It also discusses various factors that affect the flight delay, flight route etc. The survey can provide a comprehensive understanding of the significance, challenges, and opportunities associated with the aviation industry.

Purpose

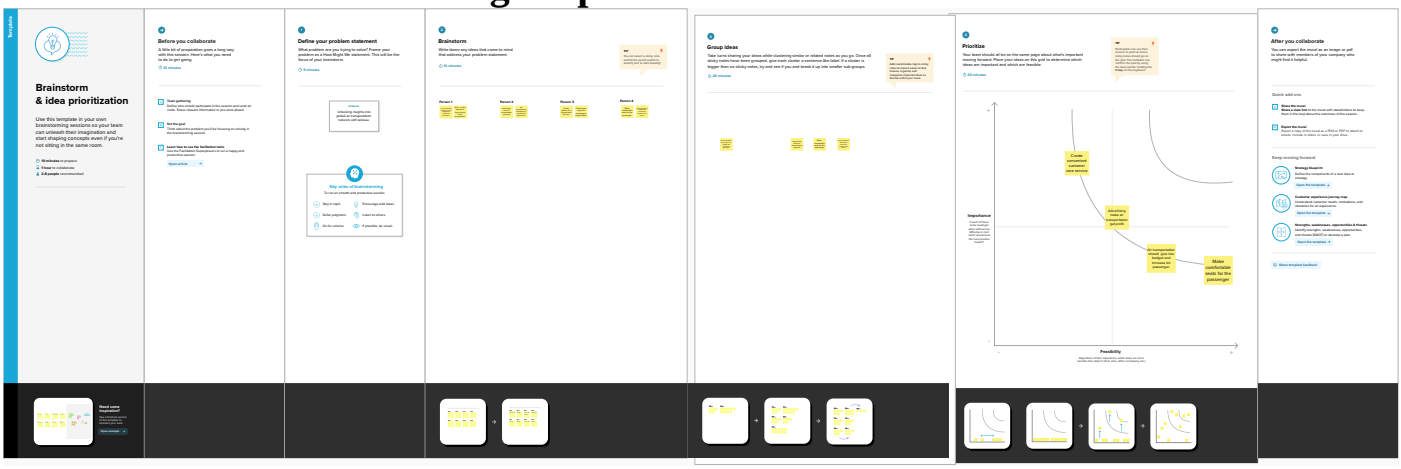
Socially, the dataset can contribute to the development of air transportation networks that are more efficient, safe, and environmentally sustainable. By providing stakeholders with a comprehensive understanding of the air transportation network, the dataset can help to optimize routes and reduce congestion in the air, leading to improved air quality and reduced carbon emissions. This can contribute to the overall well-being of communities around the world, by making air travel more accessible, affordable, and eco-friendly.

From a business perspective, the dataset can have a significant impact on the aviation industry. By enabling stakeholders to make data-driven decisions, the dataset can help airlines, airport authorities, tourism boards, and government agencies to identify new business opportunities, optimize capacity planning, and streamline operations. This can lead to increased profitability and competitiveness, as well as improved customer experience.

2.1 **Empathy Map**

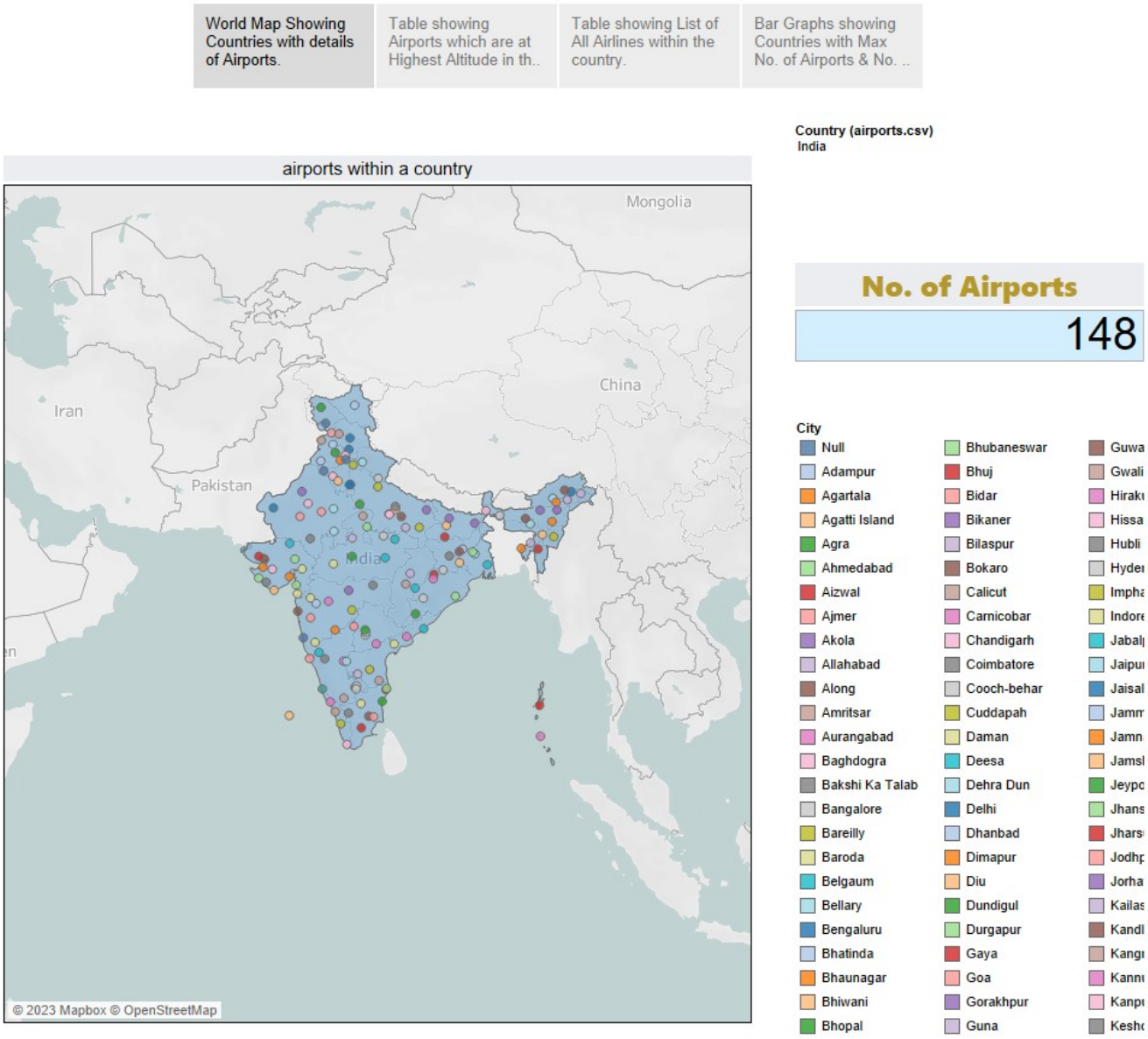


2.2 **Ideation & Brainstorming Map**



RESULT

Story 1



The air travel is well studies and analysed and needs to be further tuned.
Better air pathways need to be created to handle the ever growing populations ever growing needs

ADVANTAGES & DISADVANTAGES

Advantages are that we will have a better and faster and reliable transportation mechanism.
And a major disadvantage is that we are making air travel cheaper and affordable which would cause more pollution destroying nature.

APPLICATIONS

Tableau can be used to analyst many data and a powerful tool.

CONCLUSION

we were able to study and analyse the project with the help of tableau and got good results and visualisations.

FUTURE SCOPE

Although tableau is a good software it is not free and we complete using only free trial and not easy to get student licence. There is not much future scope of tableau as better open source alternatives are available for free and better features.