GLOBAL AIR TRANSPORTATION NETWORK
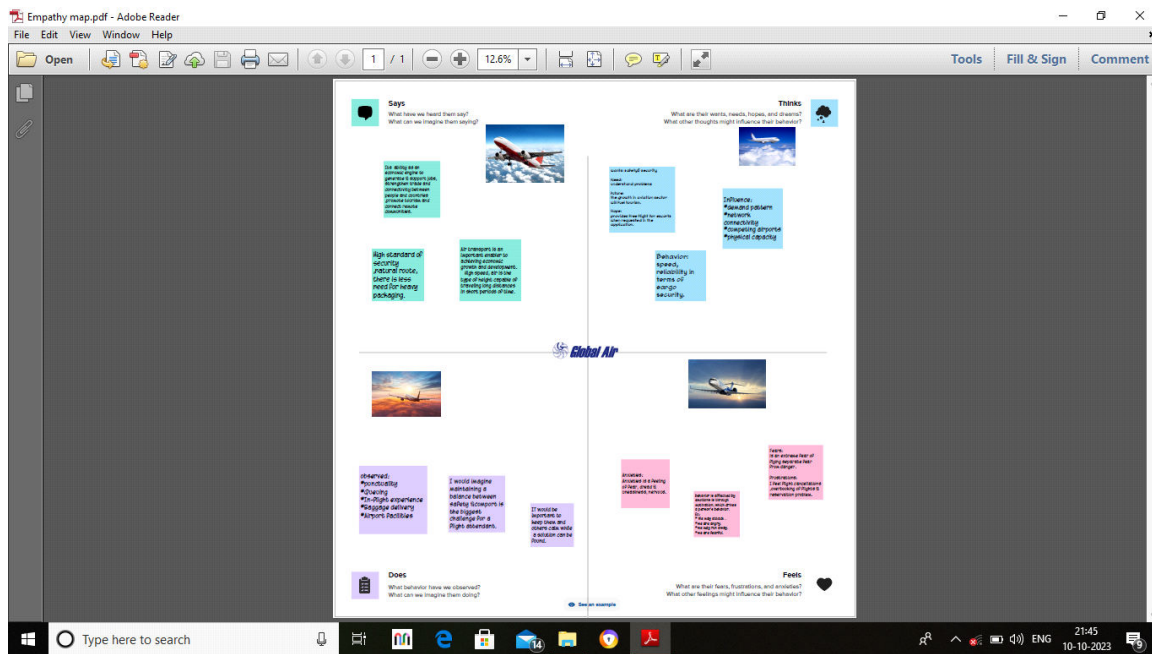
1. Introduction:

The air transport system generally includes airports,ATC (air traffic control) systemand airlines.
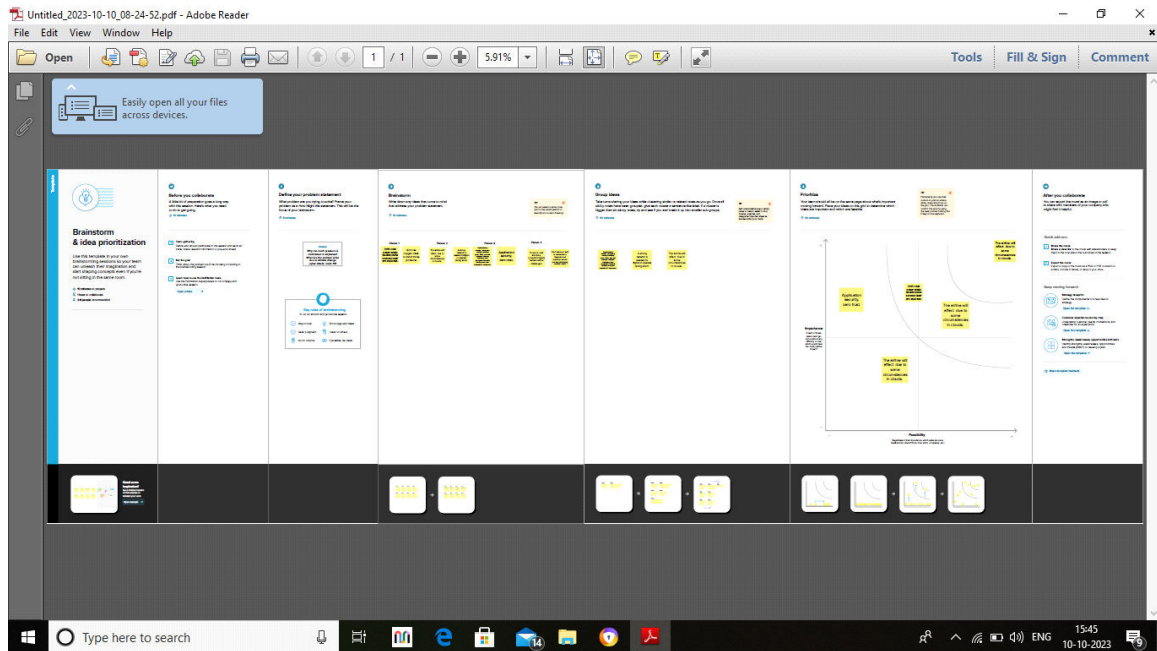
Air transport is that which transports by air by means of aircrafts,airplane etc., Allows the movement of people goods and mail.
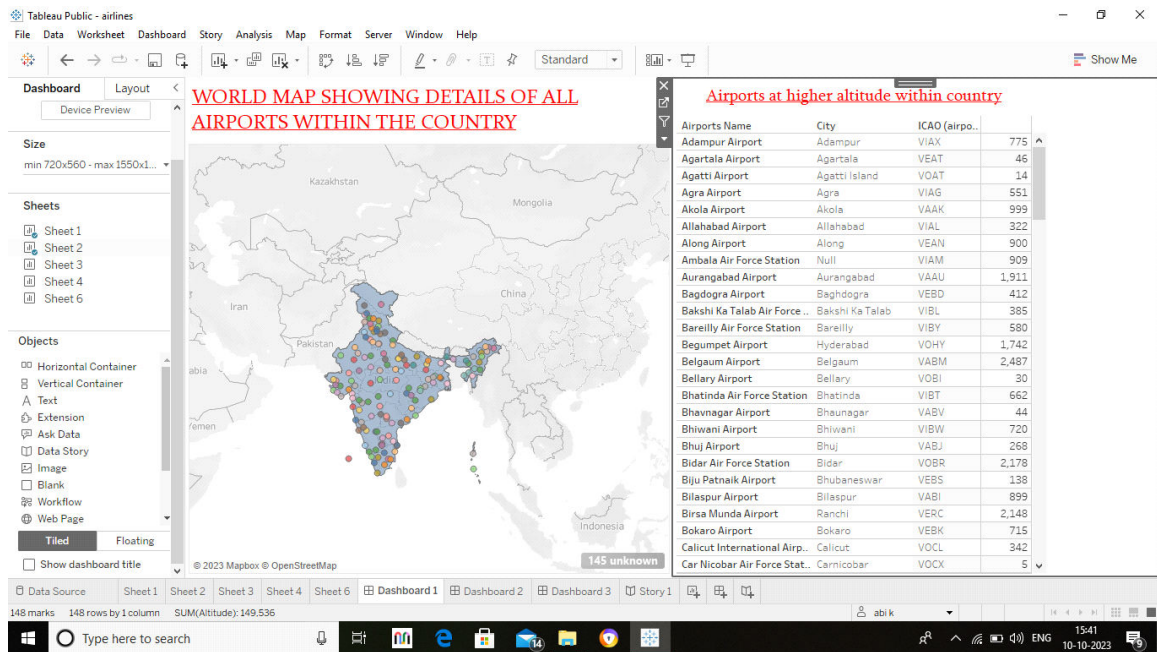
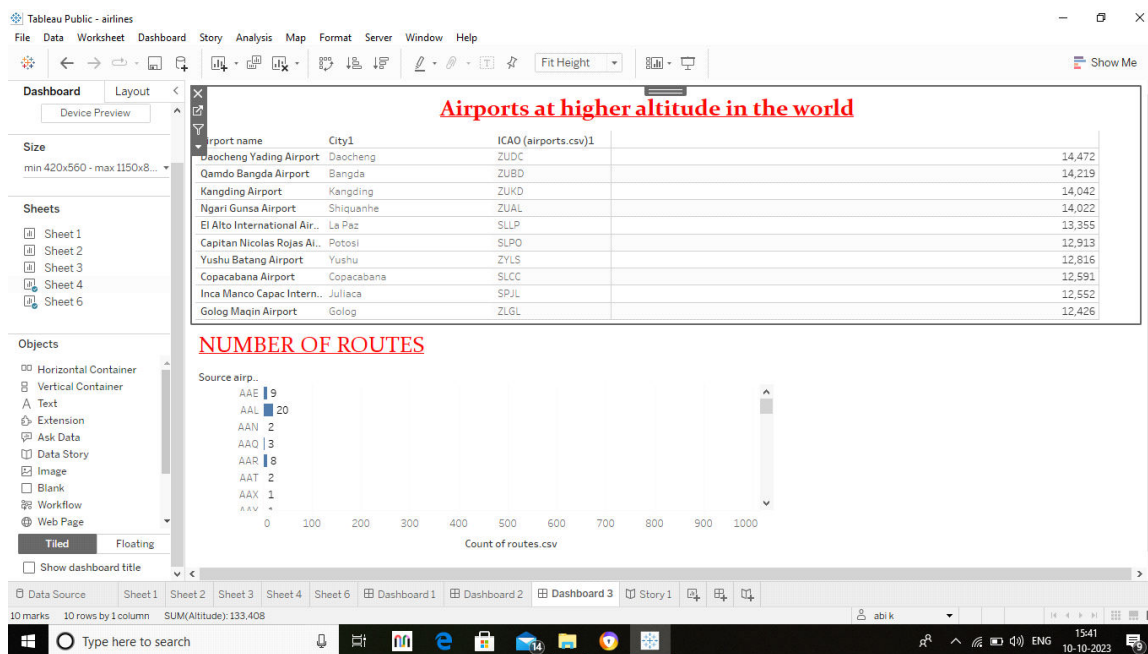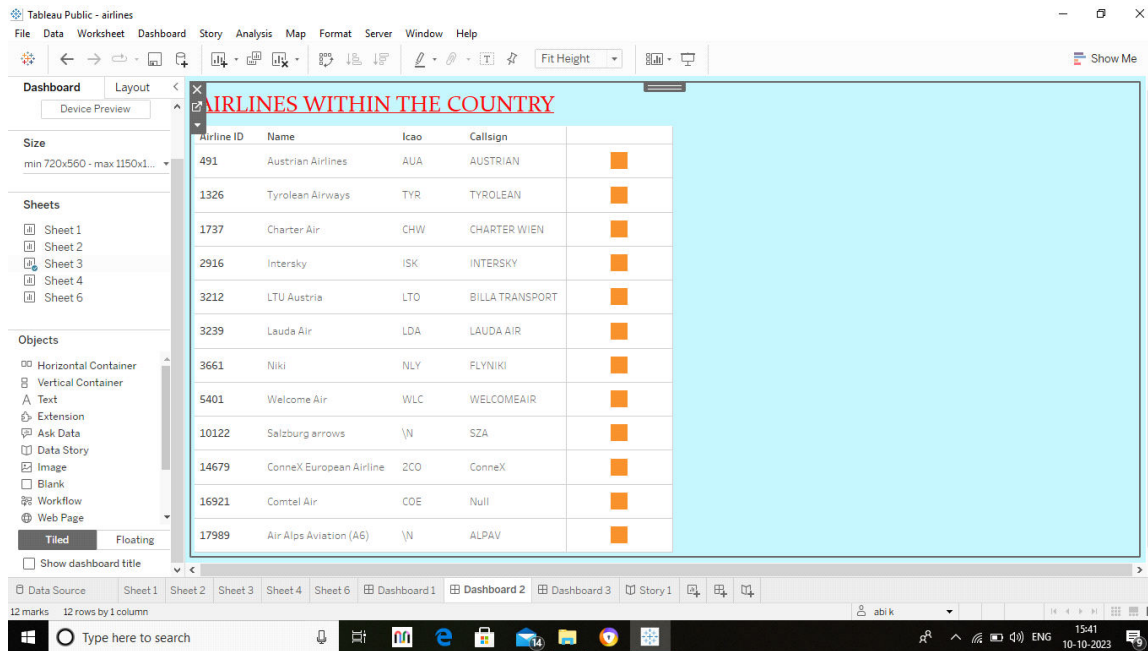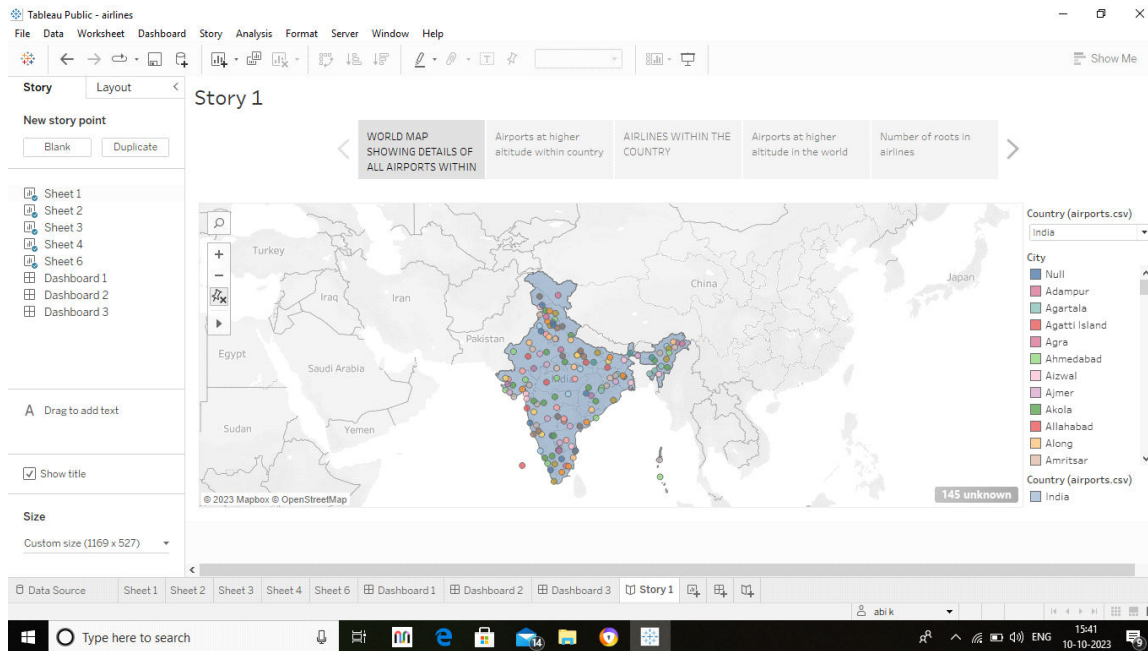## 2. Problem definition&desing thinking

2.1.Emathy map

2.2.Ideation&Brain storming map

3. Result:

Tableau Public - airlines (Dashboard 2)

AIRLINES WITHIN THE COUNTRY

Airline ID	Name	Icao	Callsign	
491	Austrian Airlines	AUA	AUSTRIAN	■
1326	Tyrolean Airways	TYR	TYROLEAN	■
1737	Charter Air	CHW	CHARTER WIEN	■
2916	Intersky	ISK	INTERSKY	■
3212	LTU Austria	LTO	BILLA TRANSPORT	■
3239	Lauda Air	LDA	LAUDA AIR	■
3661	Niki	NLY	FLYNIKI	■
5401	Welcome Air	WLC	WELCOMEAIR	■
10122	Salzburg arrows	\N	SZA	■
14679	ConneX European Airline	2CO	ConneX	■
16921	Comtel Air	COE	Null	■
17989	Air Alps Aviation (A6)	\N	ALPAV	■

Airports at higher altitude in the world

Airport name	City1	ICAO (airports.csv)1	
Daocheng Yading Airport	Daocheng	ZUDC	14,472
Qamdo Bangda Airport	Bangda	ZUBD	14,219
Kangding Airport	Kangding	ZUKD	14,042
Ngari Gunsa Airport	Shiquanhe	ZUAL	14,022
El Alto International Air...	La Paz	SLLP	13,355
Capitan Nicolas Rojas Ai...	Potosi	SLPO	12,913
Yushu Batang Airport	Yushu	ZYLS	12,816
Copacabana Airport	Copacabana	SLCC	12,591
Inca Manco Capac Intern...	Juliaca	SPJL	12,552
Golog Maqin Airport	Golog	ZLGL	12,426

NUMBER OF ROUTES

Source airp..

AAE	9
AAL	20
AAN	2
AAQ	3
AAR	8
AAT	2
AAX	1

Count of routes.csv

4.1. Advantages:

       *This project will be help to improve our knowledge about airline transportation Network.

       *High speed,air is the type of freight capable of traveling long distance in short periods of time.

       *Fast service,High standard of security.

4.2. Disadvantages:

       *This project will be understant is very difficult and create the data source.

       *Requires skill.

5. Application:

       *Modelings air transport networks aims airline companies to organize their routes in a cost-efficient way and

therefore maximize their profits.

　　　　　*The project help to understand the datas about global air transportation network.

6. Conclustion:

　　　　　Air india has established its position as indian's largest and most effective air carrier on all fronts.

7. Future scope:

　　　　　In future data analytics play major role in Global air transportation network.