GLOBAL AIR TRANSPORTATION NETWORK

Project Name:

  Global Air Transportation Network.

Submitted by:

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Introduction:-

Global Air Transportation Network are the nodes of the network or the airports and the links represented direct flight route between two airports.
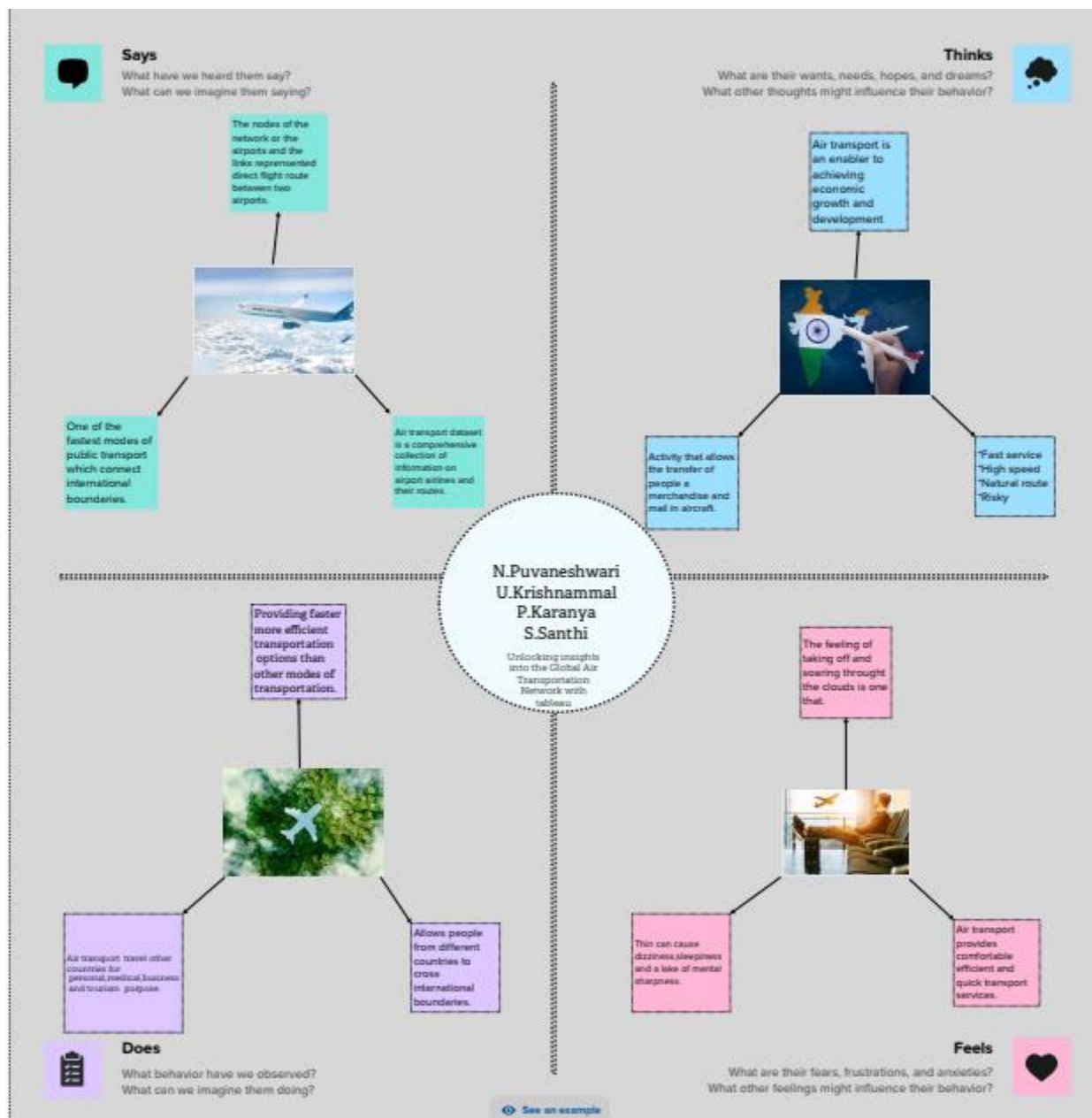
It have Four types of Dataset's are given below:

- Airlines
- Airports
- Airplanes
- Routes

Definition:

1.Empathy Map:

First I collect the information of the project and get group discussion about my project with my team mates, then make feels, does, says and thinks are given the empathy map.

2.Brainstrom Map:
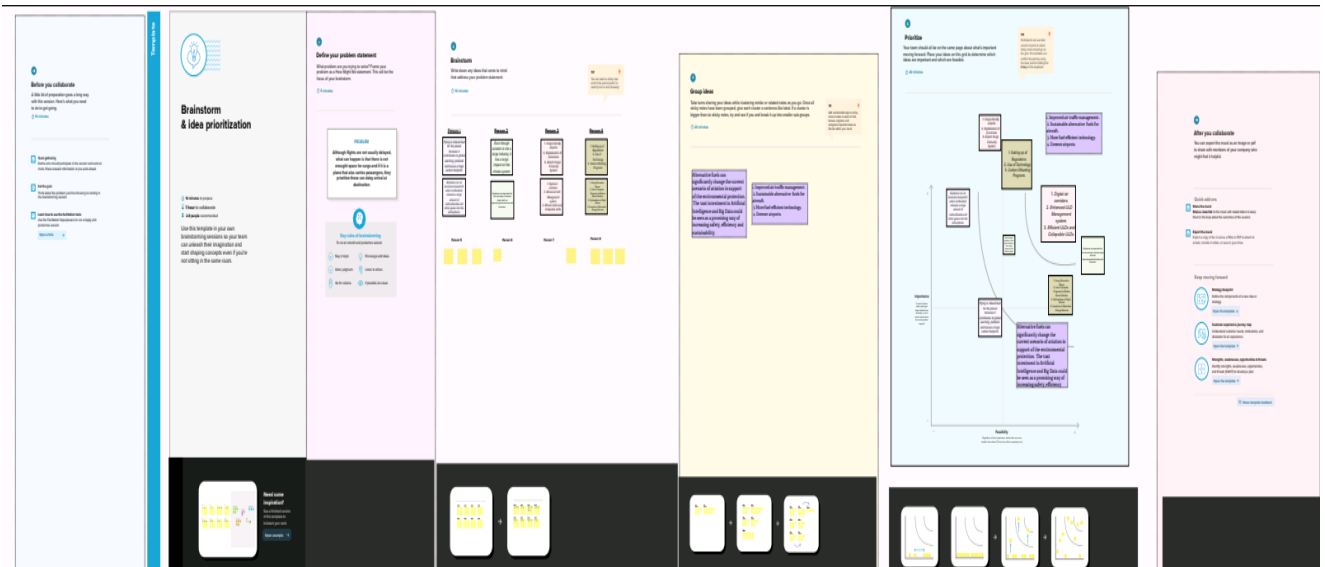
3.Dashboard:

- First Dashboard was World Map Showing Countries with details of Airports and this shown airport detail in the country.
- Second Dashboard give the detail of Higher Altitude in the World within the Country.
- Third Dashboard was showing a List of all Airlines within the Country.
- Next and Final Dashboard ws showing Countries with Maximum number of Airports and Number of Flight from Airports.

Screenshot 1 — Tableau Story

Tableau - story - Tableau license expires in 4 days

File Data Worksheet Dashboard Story Analysis Format Server Window Help

Story Layout

New story point

Blank Duplicate

Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5
Sheet 6
Sheet 7
Sheet 8
Dashboard 1
Dashboard 2
Dashboard 3

A Drag to add text

☑ Show title

Size

Automatic

Global Air Transportation Network

World Map Showing Countries with details of Airports. | Table Showing Airports which are Highest Altitude in the World within the Country. | Table showing List of All Airlines within the Country. | Bar Graphs showing Countries with Max.No Airports &No. of Flights from Airports.

India

Country (airports.csv)
☐ India

City
☐ Null
☐ Adampur
☐ Agartala
☐ Agatti Island
☐ Agra
☐ Ahmedabad
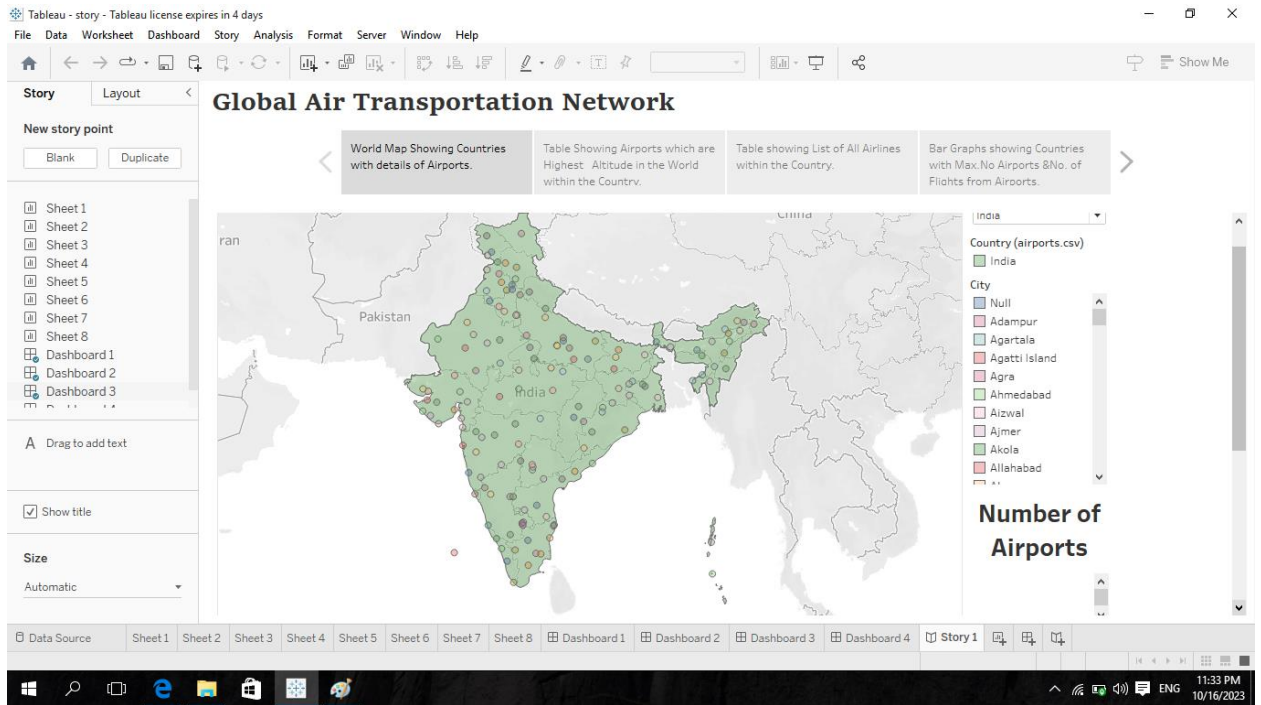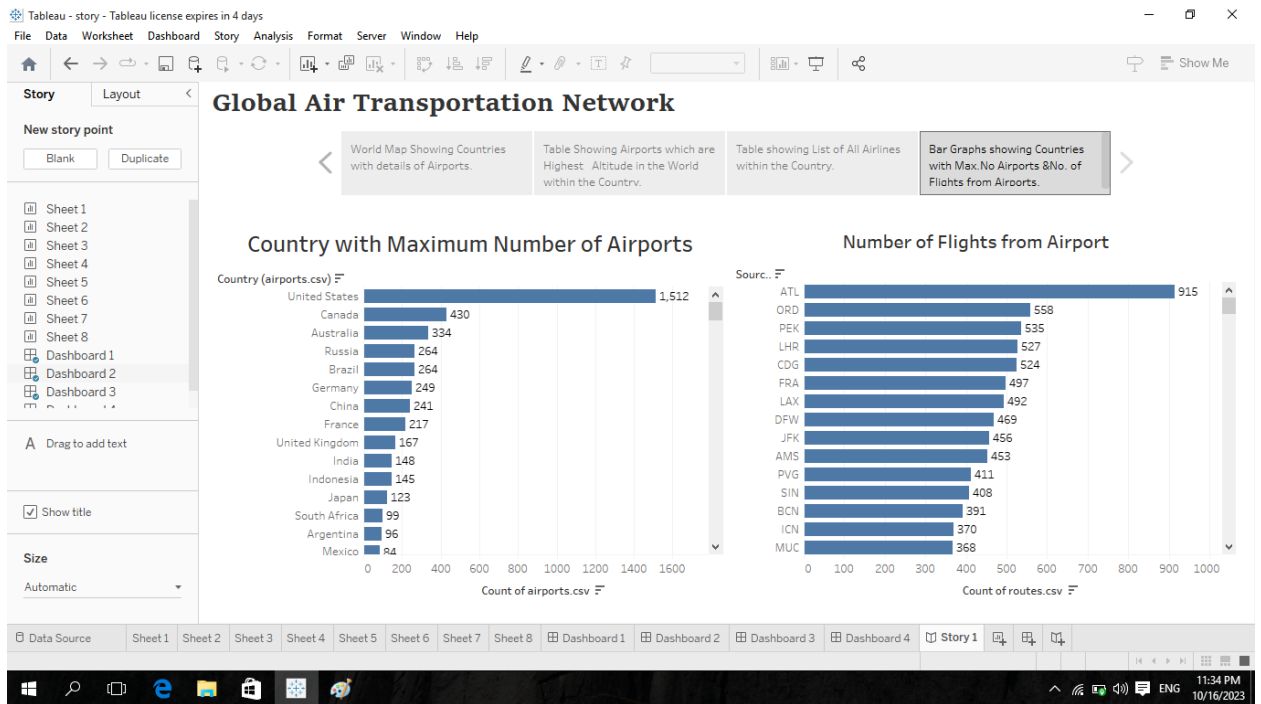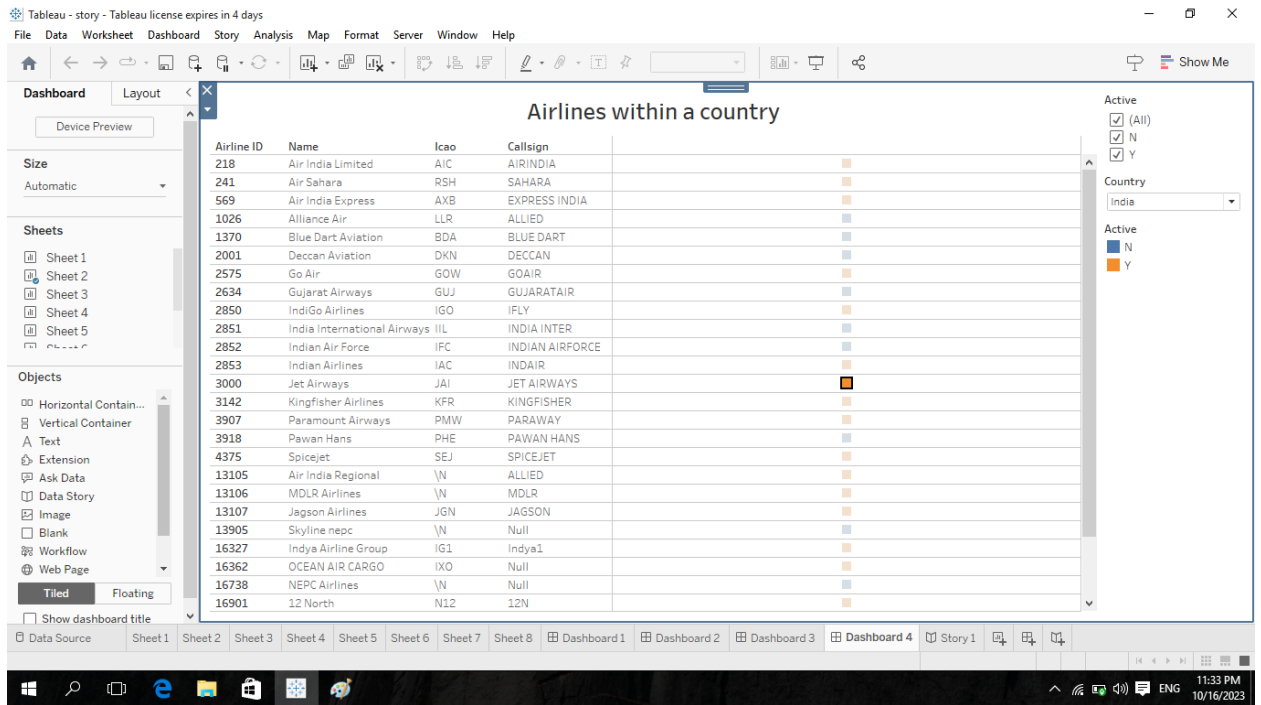☐ Aizwal
☐ Ajmer
☐ Akola
☐ Allahabad

Number of Airports

Data Source Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Dashboard 1 Dashboard 2 Dashboard 3 Dashboard 4 Story 1

Screenshot 2 — Tableau Dashboard

Tableau - story - Tableau license expires in 4 days

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Fit Width

Dashboard Layout

Device Preview

Size

Automatic

Sheets
Sheet 1
Sheet 2
Sheet 3
Sheet 4
Sheet 5

Objects
Horizontal Contain...
Vertical Container
Text
Extension
Ask Data
Data Story
Image
Blank
Workflow
Web Page

Tiled Floating

☐ Show dashboard title

Airports at Higher altitude in world

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

Airports Higher altitude within a Country

dex (Airp...	Name (airports.csv)	City	ICAO (airpo...	
0	Goroka Airport	Goroka	AYGA	5,282
1	Madang Airport	Madang	AYMD	20
2	Mount Hagen Kagamuga ...	Mount Hagen	AYMH	5,388
3	Nadzab Airport	Nadzab	AYNZ	239
4	Port Moresby Jacksons In...	Port Moresby	AYPY	146
5	Wewak International Airp...	Wewak	AYWK	19
6	Narsarsuaq Airport	Narssarssuaq	BGBW	112
7	Godthaab / Nuuk Airport	Godthaab	BGGH	283
8	Kangerlussuaq Airport	Sondrestrom	BGSF	165
9	Thule Air Base	Thule	BGTL	251
10	Akureyri Airport	Akureyri	BIAR	

Data Source Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8 Dashboard 1 Dashboard 2 Dashboard 3 Dashboard 4 Story 1

7698 marks 7698 rows by 1 column SUM(Altitude): 7,820,193

Conclusion:

Air Transport is an enabler to achieving economic growth and development. Allows people from different countries to cross international boundaries.