

Unlocking Insights Into the Global Air Transportation Network with tableau.

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Introduction:

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. Additionally, this includes information about airlines including their IDs, name aliases, IATA and ICAO codes, callsigns country of origin and active/inactive status. Similarly, it also covers route details such as airline sources to destination airports along with essential details like codeshare stakeholder if any stops required during this journey along with the type of aircraft being used for that particular journey. 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. It requires your generous donations in order for them to keep updating this data source so please do donate if possible.

Empathy Map:

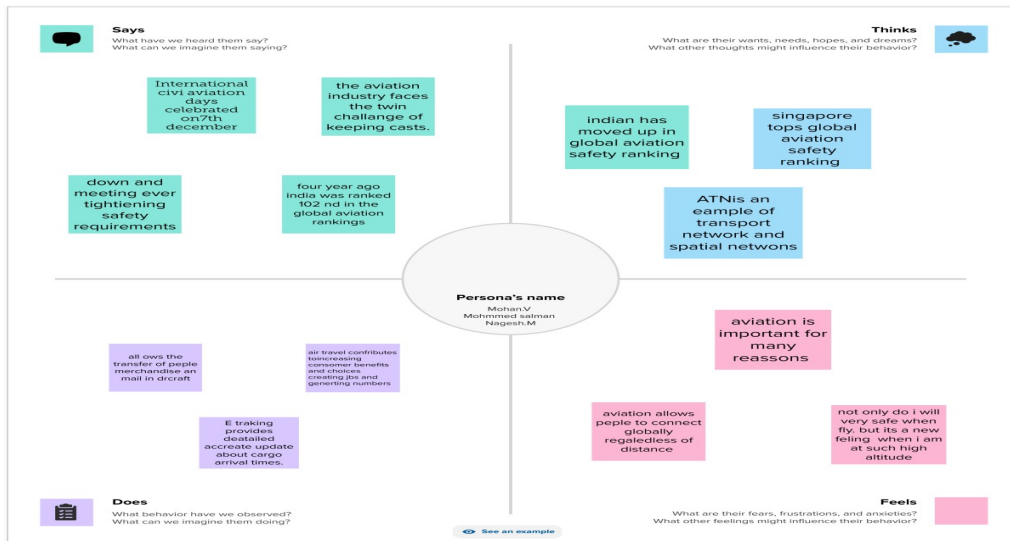


Fig 1: Empathy map

Details:

We have recovered about Global Air in this empathy map.

Brainstrom:

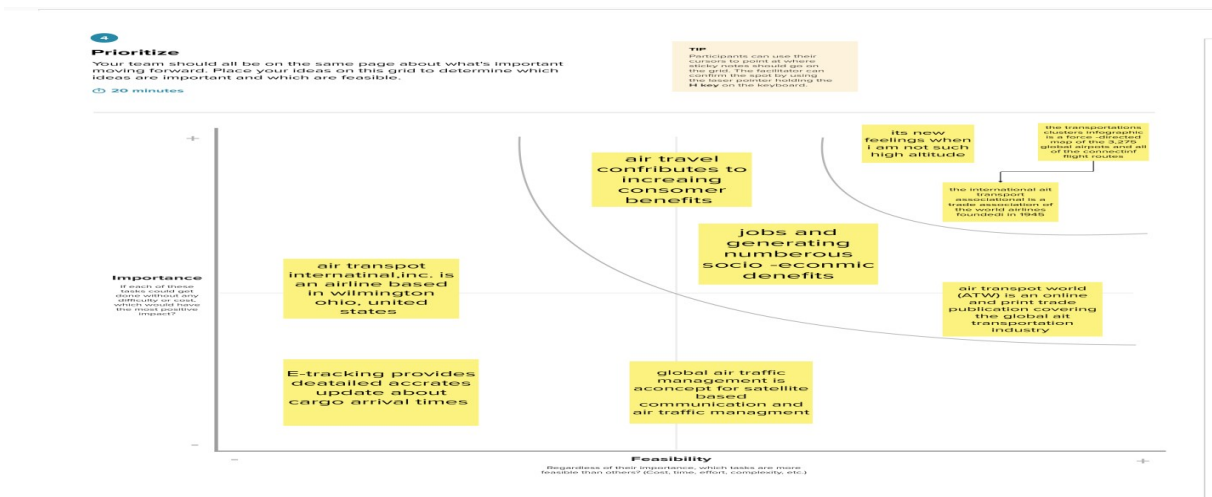


Fig 2: Brainstrom

Details:

We have posted our problem and solution on the brainstrom.

Sheet 1

Airlines map



Fig 3: Airlines map

Details:

In this sheet is mension in Airlines map.

Sheet2

No of Airport

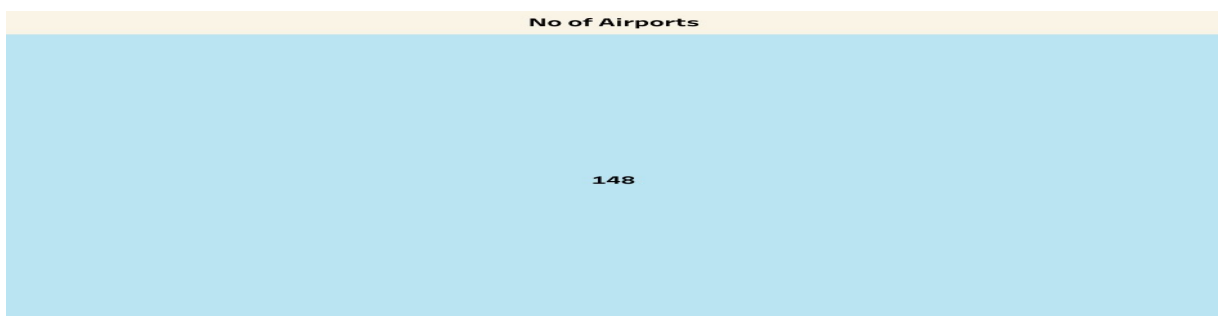


Fig 4:No of Airport

Details:

In this sheet is mention in No of Airport.

Sheet 3

airports at higher altitudewithin a country

Index no	Name (airports.csv)	City	ICAO (airpo..	
1	Zaranj Airport	Zaranj	OAZJ	1,572
	Tarin Kowt Airport	Tarin Kowt	OATN	4,429
	Shindand Airport	Shindand	OASD	3,773

Fig 5: Airport at higher altitudewithin a country

Details:

In this sheet is mention in Airports at higher aititudewithin a country.

Sheet 4

No of Airports



Fig 6: No of Airports

Details:

In this sheet is mention in No of Airports.

Sheet 5

Airport at higher altitude in world

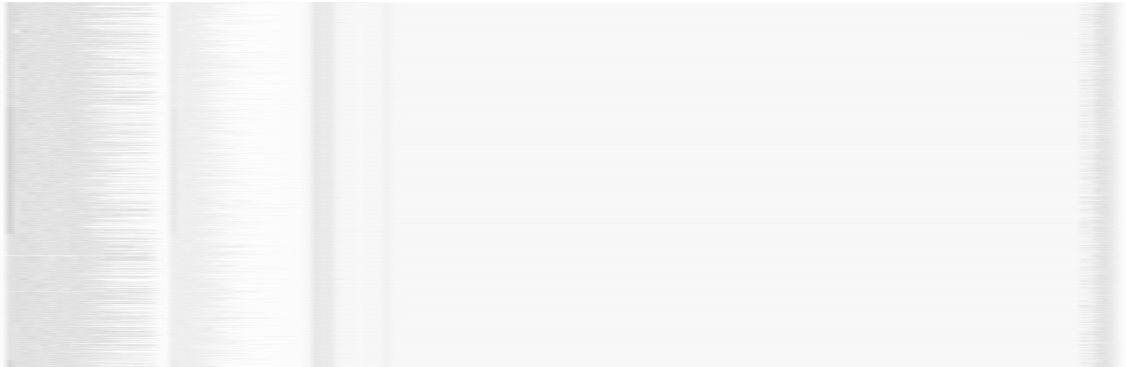


Fig 7: Airport at higher altitude in world

Details:

In the sheet in mention about Airport at higher altitude

Sheet 6

Airlines within a country

Airlines within a country

Airline ID	Name	Icao	Callsign	Active
921	Air Greenland	GRL	GREENLAND	Y
1781	Kimber Air	CIM	CIMBER	Y
1954	DAT Danish Air Transport	DTR	DANISH	Y
3366	Maersk	Null	Null	Y
4776	Sterling Airlines	SNB	STERLING	Y
11856	Transavia Denmark	TDK	Null	Y
17115	Copenhagen Express	CX0	Copex	Y

Fig 8: Airlines within a country

Details:

In the sheet is mention about Airlines within a country

Sheet 7

Number of Flights From Airports

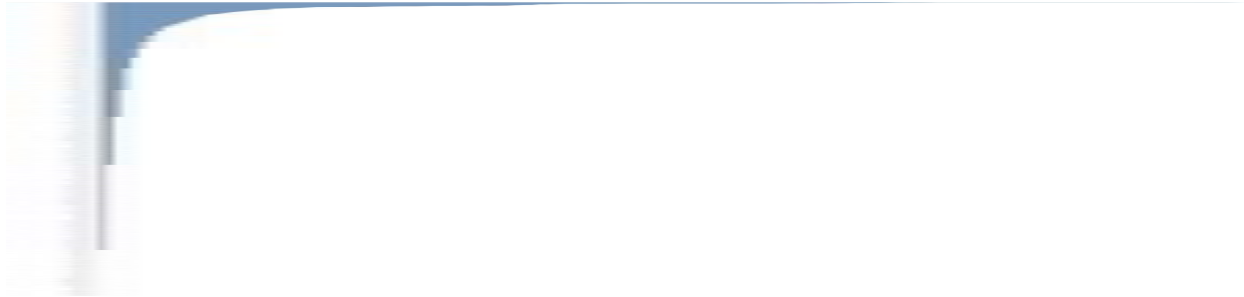
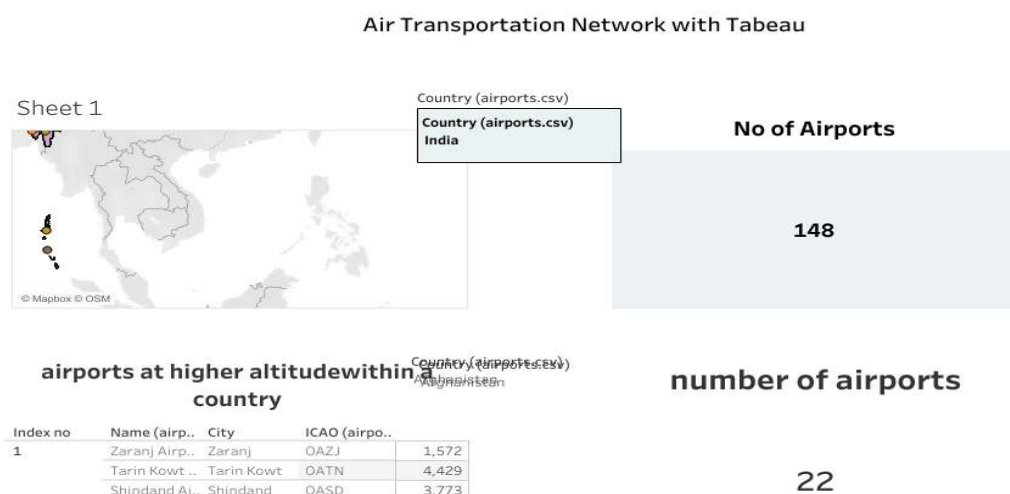


fig9: Number of Flights From Airports

Details:

In the sheet mention about number of Flights from Airports

Dashboard 1



Detail:

We can find Air Transportation Network details here.The full details we registered in this dashboard 1, it has 4 sheets.

Dashboard 2

Air Transportation Network with Tableau

Airports at higher altituded in world

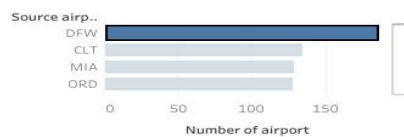
Name (airp..	City	ICAO code	
9 de Maio - ..	Teixeira de Frei..	Null	344
[Duplicate] ..	Playa Samara	Null	10
[Duplicate] ..	Giebelstadt	Null	980
[Duplicate] ..	Not Specified	Null	0
A 511 Airpo..	Pyongtaek	Null	51
A Coruña Ai..	La Coruna	Null	326

Country
Denmark

Airlines within a country

Airline ID	Name	Icao	Callsign
921	Air Greenla..	GRL	GREENLAND
1781	Cimber Air	CIM	CIMBER
1954	DAT Danish..	DTR	DANISH
3366	Maersk	Null	Null
4776	Sterling Air..	SNB	STERLING
11856	Transavia D..	TDK	Null
17115	Copenhage..	CXO	Copex

Number of flights from airport

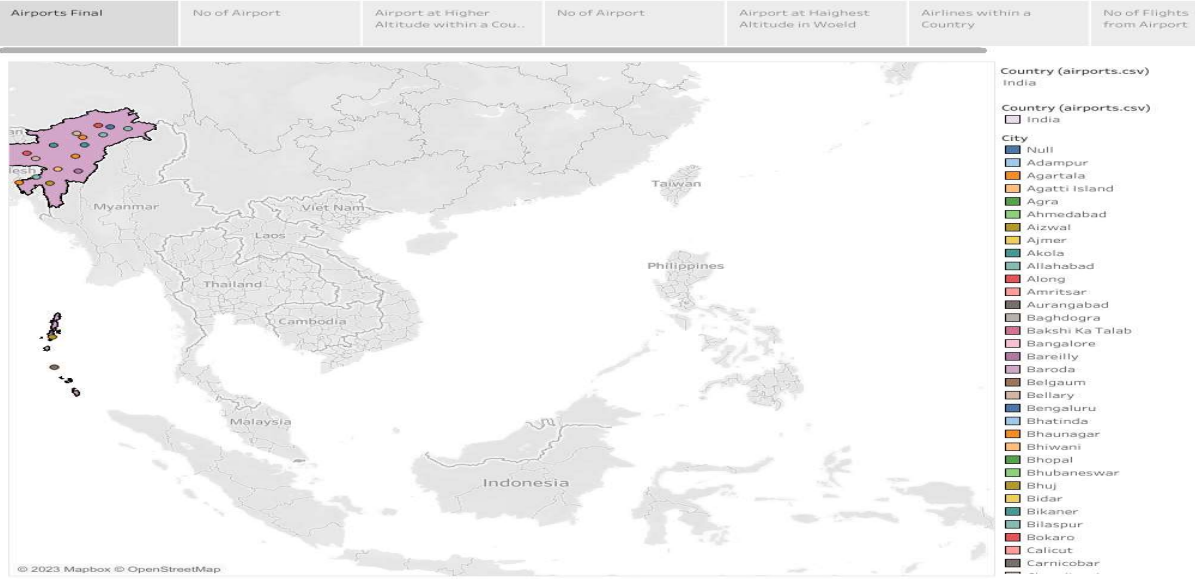


Details:

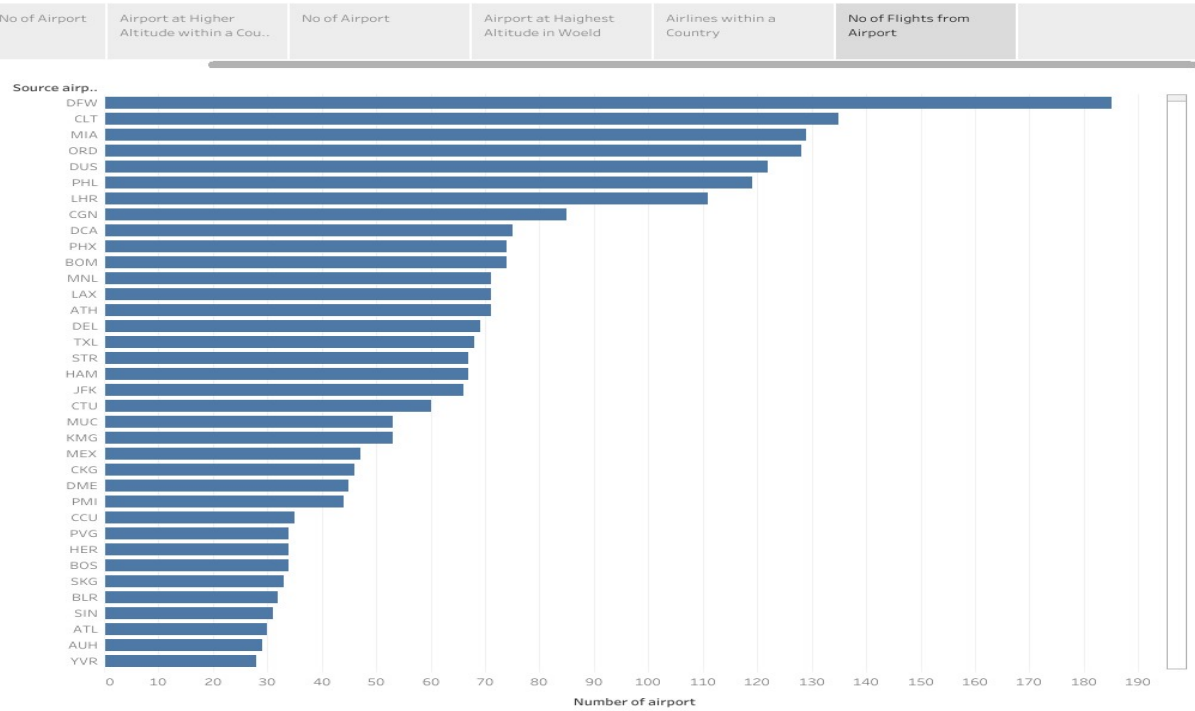
We can find Air Transportation Network details here. The full details we registered in this dashboard2, it has 4 sheets .

Story 1

Story 1



Story 1



Story 1

No of Airport	Airport at Higher Altitude within a Cou..	No of Airport	Airport at Haighest Altitude in Woeld	Airlines within a Country	No of Flights from Airport	
Airline ID	Name	Icao	Callsign			Country
921	Air Greenland	GRL	GREENLAND	■		Denmark
1781	Kimber Air	CIM	CIMBER	■		
1954	DAT Danish Air Transport	DTR	DANISH	■		Active
3366	Maersk	Null	Null	■		<input type="checkbox"/> n
4776	Sterling Airlines	SNB	STERLING	■		N
11856	Transavia Denmark	TDK	Null	■		<input checked="" type="checkbox"/> Y
17115	Copenhagen Express	CX0	Copex	■		
						Active
						■ Y

Advantages:

- Global Reach.
- Reliable Timelines.
- Reduced Inventory Holding Costs.
- Enhanced Security.

Disadvantages:

- Disadvantages Higher Cost.
- Limited Capacity.
- Restrictions on Hazardous Goods.

Conclusion:

The International Air Transport Association has been instrumental in developing and improving the air transport industry.