

# INTRODUCTION:

## 1.1 Overview

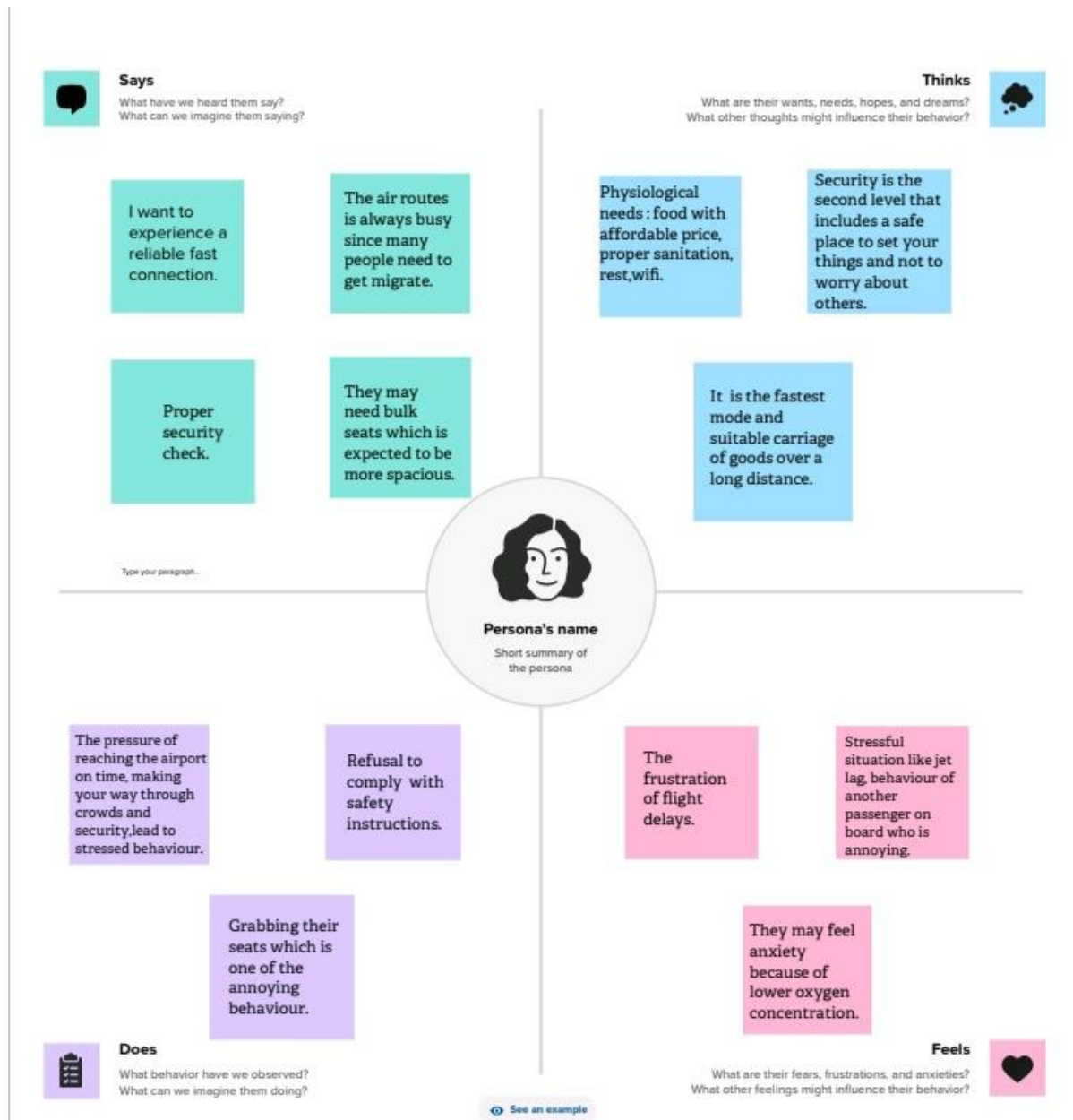
My project is about Unlocking Insights into Global Air Transportation Network . My project collects Information about Airlines , Airports, Airplanes and routes among all the countries in the world. This type of Information assembles inside my project.

## 1.2 Purpose

The Use of this project is that we summarize the given data into easily understandable data source . I can achieved through this project is I came to know some of the valuable information about Global Air Transportation Network.

## 2. Problem Definition and Design Thinking

## 2.1 Empathy Map

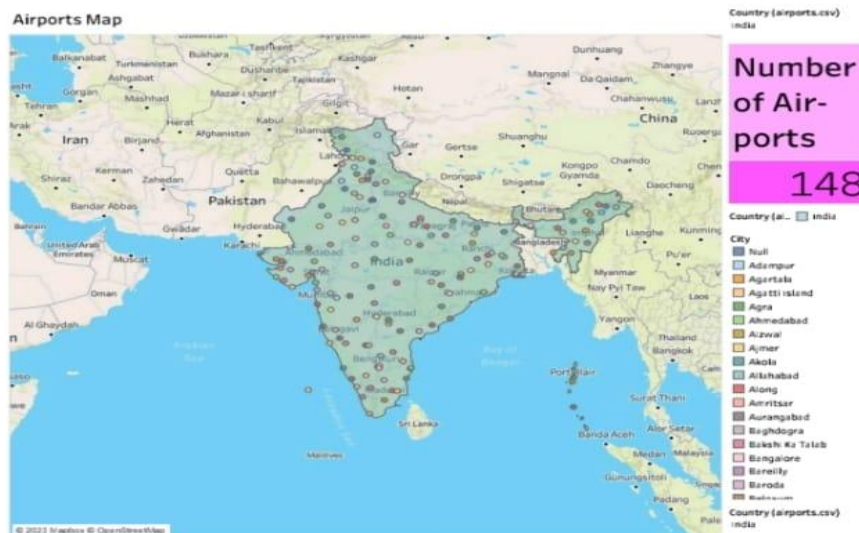


## 2.2 Ideation and Brain storming



### 3.Result

## Output of the project:



#### Airlines within a country

Airline ID	Name	Icao	Callign	
218	Air india Limited	AIC	AIRINDIA	
241	Air Sahara	RSH	SAHARA	
569	Air india Express	AXB	EXPRESS-INDIA	
1026	Alliance Air	LIR	ALLIED	
1370	Blue Dart Aviation	BDA	BLUE DART	
2001	Deccan Aviation	DMN	DECCAN	
2575	Go Air	GOA	GOAIR	
2634	Gujarat Airways	GLJ	GUJARATI AIR	
2850	Ind Go Airlines	IGO	IFLY	
2851	India International Airways	II	INDIA INTER	
2852	Indian Air Force	IFC	INDIAN AIR FORCE	
2853	Indian Airlines	IAC	INDIAIR	
3000	Jet Airways	JAI	JET AIRWAYS	
3142	Kingfisher Airlines	KFR	KINGFISHER	
3907	Paramount Airways	PMW	PARAMOUNT	
3918	Parson Hums	PHE	PARSON HAMS	
4375	Spikejet	SEJ	SPICEJET	
13105	Air india Regional	VI	ALLIED	
13106	MDLR Airlines	VI	MDLR	
13107	Jagson Airlines	JON	JAGSON	
13905	Skyline nopc	VI	Null	
16327	India Airline Group	IGI	indys1	
16362	OCEAN AIR CARGO	OKD	Null	
16738	NEPC Airlines	VI	Null	
16901	12 North	N12	12N	
19451	Air Costa	VI	Null	
20264	Air Vistara	VTI	Null	
20286	Air Pegasus	PPL	Null	
21270	Air Camiel	VI	Null	

Active  
☒ y  
☐ n

Country  
india

Active  
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Number of Air-lines

123

Country  
France

Airports at highest altitude in the world

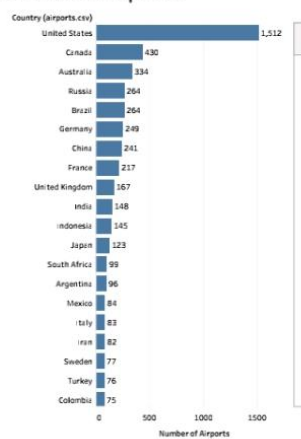
Name (airports.csv)	City	ICAO (airports.csv)	
Capitan Nicolas Rojas Airport	Potosi	SLPO	12,913
Copacabana Airport	Copacabana	SLCC	12,591
Daocheng Yading Airport	Daocheng	ZUDC	14,472
El Alto International Airport	La Paz	SLLP	13,355
Golog Maqin Airport	Golog	ZLGL	12,426
Inca Manco Capac Internation..	Juliaca	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

Country (airports.csv)  
India

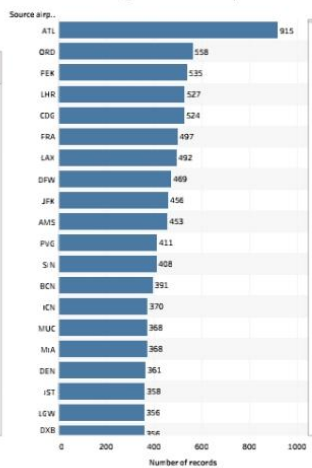
Airport at highest altitude within a country

index	Name (airports.csv)	City	ICAO (airports.csv)	
1	Ziro Airport	Zero	VEZO	5,403
2	Yelahanka Air Force Station	Bangalore	VOYK	3,045
3	Vishakhapatnam Airport	Vishakhapatnam	VEVZ	15

Country with Maximum number of Airports



Number of Flights from Airport



## 4. Advantages and Disadvantages

The advantages of the project is that we can easily understand the information about the Air transportation Network.

The disadvantages of the project is that it contains large number of data sets.

## 5. Application

The application of this project is whenever the solution is needed , this data source will be more useful.

## 6. Conclusion

We built the project about Global Air Transportation network . we find the details about airplanes , airlines , airports and their routes as well as some more information about Air transportation networks.

## 7. Future scope

In Future we make a project more effectively and collect more information about Air transportation.