

**UNLOCKING INSIGHTS INTO  
THE GLOBAL AIR  
TRANSPORTATION NETWORK  
WITH TABLEAU**

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# 1.INTRODUCTON

## 1.1 OVERVIEW

### ➤ Data Collection:

Gather relevant data from various sources, including airlines, airports, flight schedules, and passenger statistics. This data can be structured in tables or obtained in formats like CSV, Excel, or databases.

### ➤ Data Preparation:

Clean and preprocess the data to remove inconsistencies, missing values, and errors. This step ensures that the data is ready for analysis.

### ➤ Data Integration:

Combine data from different sources if necessary. For example, merge flight data with airport information to create a comprehensive dataset.

### ➤ Data Analysis:

Use Tableau to create interactive dashboards and reports. Explore the data to uncover trends, patterns, and insights related to air transportation, such as busiest airports, popular flight routes, seasonal variations, and more.

### ➤ Visualizations:

Create various types of visualizations, including bar charts, line graphs, maps, and heatmaps, to represent the data effectively. Tableau offers a wide range of visualization options.

### ➤ Interactivity:

Make the dashboards interactive by adding filters, parameters, and actions. This allows users to explore the data and gain insights dynamically.

## ➤ Geospatial Analysis:

Utilize Tableau's geospatial capabilities to visualize flight routes on maps, plot airport locations, and analyze regional trends in air travel.

## ➤ Performance Metrics:

Calculate and display key performance metrics, such as on-time performance, flight delays, passenger load factors, and revenue analysis.

## ➤ Trend Identification:

Identify trends and anomalies in the air transportation network. For example, you could discover which airlines dominate specific routes or how flight patterns change over time.

## ➤ Storytelling:

Use Tableau's storytelling features to create a narrative around your insights. Explain the significance of the findings and their implications for the global air transportation industry.

## ➤ Sharing and Collaboration:

Share the Tableau dashboards with stakeholders, colleagues, or the public through Tableau Server or Tableau Online. Collaboration and feedback are crucial in refining insights.

## ➤ Continuous Monitoring:

Set up data refresh schedules to ensure that your visualizations stay up to date. Air transportation data is dynamic and subject to change.

By leveraging Tableau's capabilities for data visualization and analysis, you can unlock valuable insights into the global air transportation network, aiding decision-makers in the industry and researchers in understanding trends and optimizing operations.

## 1.2 PURPOSE

### ➤ Optimizing Operations:

By analyzing data using Tableau, airlines and aviation authorities can optimize flight routes, schedules, and resource allocation to improve efficiency and reduce costs.

### ➤ Safety and Security:

Identifying patterns and anomalies in data can enhance safety and security measures by detecting potential risks and vulnerabilities in the network.

### ➤ Customer Experience:

Understanding passenger behavior and preferences can help airlines enhance the customer experience by tailoring services and improving in-flight amenities.

### ➤ Environmental Impact:

Analyzing data can also help assess the environmental impact of air transportation and develop strategies to reduce carbon emissions and promote sustainability.

### ➤ Market Insights:

Airlines can gain valuable market insights by analyzing data on passenger demographics, demand trends, and competitive landscapes to make informed business decisions.

### ➤ Regulatory Compliance:

Ensuring compliance with aviation regulations is critical. Tableau can help monitor and report on various compliance metrics and key performance indicators.

➤ **Predictive Maintenance:**

By analyzing maintenance data, airlines can implement predictive maintenance models to reduce downtime and improve aircraft reliability.

➤ **Revenue Management:**

Optimizing pricing strategies and seat allocation based on demand patterns can maximize revenue for airlines.

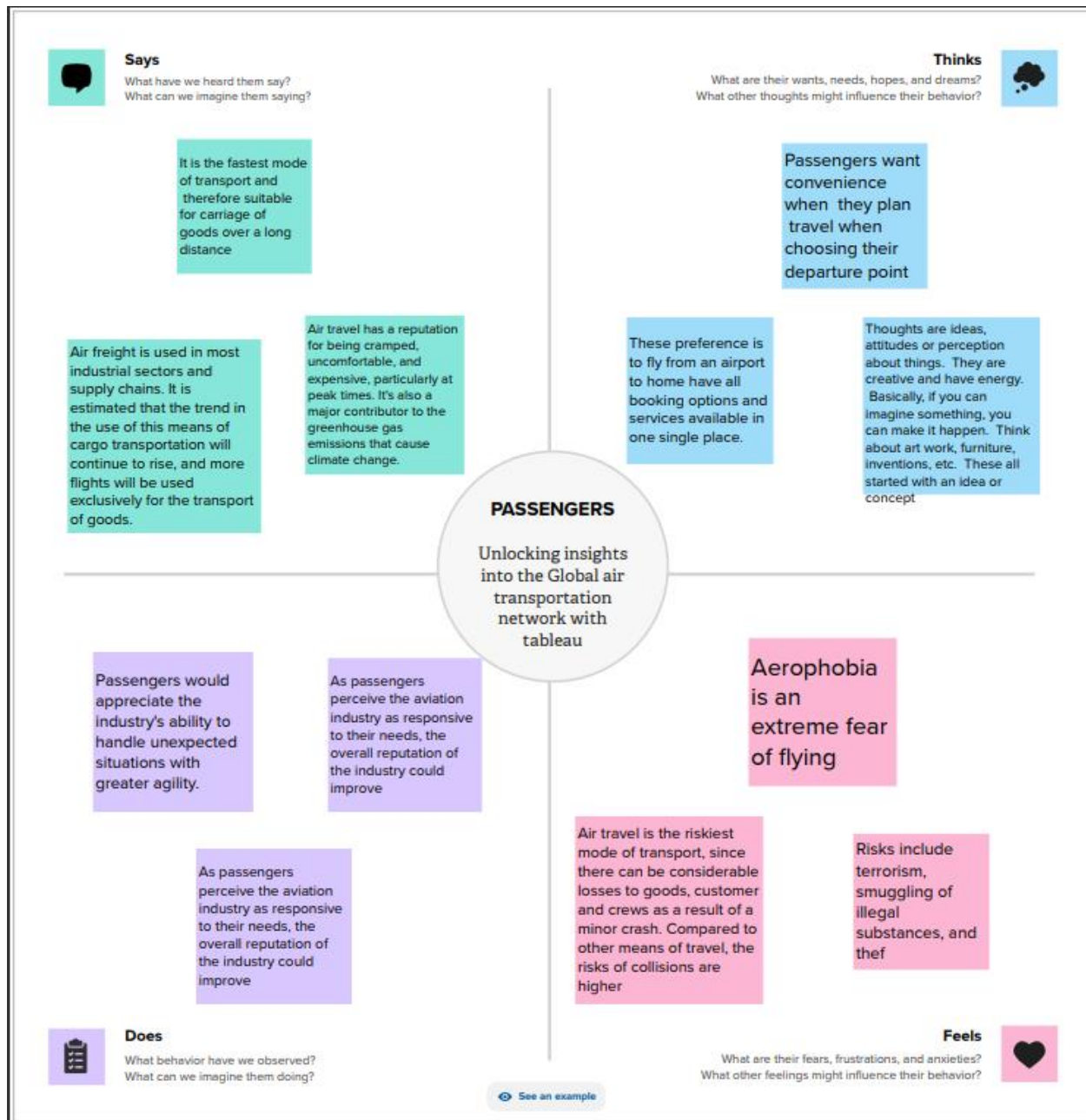
➤ **Network Expansion:**

Analyzing data can aid in identifying potential new routes and markets for expansion.

In summary, Tableau can be a powerful tool for unlocking insights into the global air transportation network, enabling stakeholders to make data-driven decisions that benefit operations, safety, customer experience, and overall business performance.

## 2.Problem Definition & Design Thinking

### 2.1 EMPATHY MAP



## 2.2 IDEATION & BRAINSTROMING MAP

### Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

10 minutes to prepare  
4 people to collaborate  
2-8 people recommended

#### Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

10 minutes

- Team gathering: Participants should participate in the session and send an invite. Share relevant information or pre-work ahead.
- Set the goal: Think about the problem you'll be focusing on solving in the brainstorming session.
- Learn how to use the facilitation tools: Use the Facilitation Superpowers to run a happy and productive session.

Open article

#### 1 Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

5 minutes

The global air transportation network is a complex and dynamic system that connects people, goods, and ideas across the world. To optimize operations, enhance safety, and improve passenger experiences, there is a critical need to unlock insights into this intricate network. Traditional methods of data analysis often fall short in comprehensively understanding and visualizing the vast amount of data associated with global air transportation.

Key rules of brainstorming  
To run an smooth and productive session:

- Stay in topic.
- Defer judgment.
- Go for volume.
- Encourage wild ideas.
- Listen to others.
- If possible, be visual.

#### 2 Brainstorm

Write down any ideas that come to mind that address your problem statement.

10 minutes

TIP: You can select a sticky note and hit the pencil icon to directly edit it to start drawing.

##### S. Habib

The air transportation industry generates massive amounts of data from various sources, including flight schedules, passenger information, weather conditions, and aircraft performance. These data sources often exist in silos, making it difficult to gain a holistic view of the network. Understanding passenger behaviors, preferences, and trends can help airlines tailor their services and improve the overall passenger experience. This requires in-depth analysis of passenger data, booking patterns, and travel habits. Airlines, airports, and regulatory bodies seek ways to optimize their operations, reduce delays, and enhance efficiency. Analyzing historical flight data and real-time information is crucial for making informed decisions that can lead to improved network performance. As environmental concerns grow, there is a need to analyze and mitigate the environmental impact of air transportation. This includes monitoring emissions, fuel efficiency, and exploring sustainable practices. Ensuring the safety and compliance of air transportation is paramount. Analyzing data related to incidents, maintenance, and regulatory changes is essential for maintaining a safe and secure network.

##### K. Alfin Pattina

Implementing passenger behavior segmentation and trends can help airlines tailor their services and improve the overall passenger experience. This requires in-depth analysis of passenger data, booking patterns, and travel habits. Airlines, airports, and regulatory bodies seek ways to optimize their operations, reduce delays, and enhance efficiency. Analyzing historical flight data and real-time information is crucial for making informed decisions that can lead to improved network performance. As environmental concerns grow, there is a need to analyze and mitigate the environmental impact of air transportation. This includes monitoring emissions, fuel efficiency, and exploring sustainable practices. Ensuring the safety and compliance of air transportation is paramount. Analyzing data related to incidents, maintenance, and regulatory changes is essential for maintaining a safe and secure network.

##### M.H. Ahmed Nisfar Muneer

Smuggling is the illegal transporting of goods. These goods can be legal, such as alcohol and tobacco, or illegal, such as drugs and arms.

##### M. Asarab Nisfar

Identify potential safety risks and recommend corrective actions.

##### P.R. Anandharaj

Explore the use of alternative fuels like biofuels to lower carbon emissions and fuel cost.

### 3 Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

20 minutes

TIP: Add color-coded tags to sticky notes to make it easier to find common themes and group related ideas.

### 4 Prioritize

Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

20 minutes

TIP: Participants can use their words to group or cluster sticky notes should go on the grid. The facilitator can confirm the sort by using the seven superpowers in a key on the keyboard.

### 5 After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

Quick add-ons

- Show the mural: Share a new link to the mural with collaborators to keep them in the loop about the outcomes of the session.
- Export the mural: Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save to your drive.

Keep moving forward

- Strategy blueprint: Define the components of a new idea or strategy. Open the template.
- Customer experience journey map: Understand customer needs, motivations, and obstacles for an experience. Open the template.
- Strengths, weaknesses, opportunities & threats: Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan. Open the template.

Show template feedback

Importance

Each of these ideas could get there with only a little effort or with a lot of effort from the most creative person

Feasibility

Understanding passenger behaviors, preferences, and trends can help airlines tailor their services and improve the overall passenger experience. This requires in-depth analysis of passenger data, booking patterns, and travel habits. Airlines, airports, and regulatory bodies seek ways to optimize their operations, reduce delays, and enhance efficiency. Analyzing historical flight data and real-time information is crucial for making informed decisions that can lead to improved network performance. As environmental concerns grow, there is a need to analyze and mitigate the environmental impact of air transportation. This includes monitoring emissions, fuel efficiency, and exploring sustainable practices. Ensuring the safety and compliance of air transportation is paramount. Analyzing data related to incidents, maintenance, and regulatory changes is essential for maintaining a safe and secure network.

Explore the use of alternative fuels like biofuels to lower carbon emissions and fuel cost.

Identify potential safety risks and recommend corrective actions.

Smuggling is the illegal transporting of goods. These goods can be legal, such as alcohol and tobacco, or illegal, such as drugs and arms.

## 3.RESULT

Final findings (Output) of the project along with screenshots.

### Dashboard 1



### Dashboard 2

Airlines Within In a Country				
Airline ID	Name	Icao	Callsign	
218	Air India Limited	AIC	AIRINDIA	
241	Air Sahara	RSH	SAHARA	
569	Air India Express	AXB	EXPRESS INDIA	
1026	Alliance Air	LLR	ALLIED	
1370	Blue Dart Aviation	BDA	BLUE DART	
2001	Deccan Aviation	DKN	DECCAN	
2575	Go Air	GOW	GOAIR	
2634	Gujarat Airways	GUJ	GUJARATAIR	
2850	IndiGo Airlines	IGO	IFLY	
2851	India International Airwa..	IIL	INDIA INTER	
2852	Indian Air Force	IFC	INDIAN AIRFORCE	
2853	Indian Airlines	IAC	INDAIR	
3000	Jet Airways	JAI	JET AIRWAYS	
3142	Kingfisher Airlines	KFR	KINGFISHER	
3907	Paramount Airways	PMW	PARAWAY	
3918	Pawan Hans	PHE	PAWAN HANS	
4375	Spicejet	SEJ	SPICEJET	
13105	Air India Regional	\N	ALLIED	
13106	MDLR Airlines	\N	MDLR	
13107	Jagson Airlines	JGN	JAGSON	
13905	Skyline nepc	\N	Null	
16327	Indya Airline Group	IG1	Indya1	
16362	OCEAN AIR CARGO	IXO	Null	
16738	NEPC Airlines	\N	Null	
16901	12 North	N12	12N	
19451	Air Costa	\N	Null	
20264	Air Vistara	VTI	Null	
20286	Air Penasius	PPI	Null	

Country (airports.csv)

India

Active

(All)

Active

■ N  
■ Y

Number Of  
Airlines

104



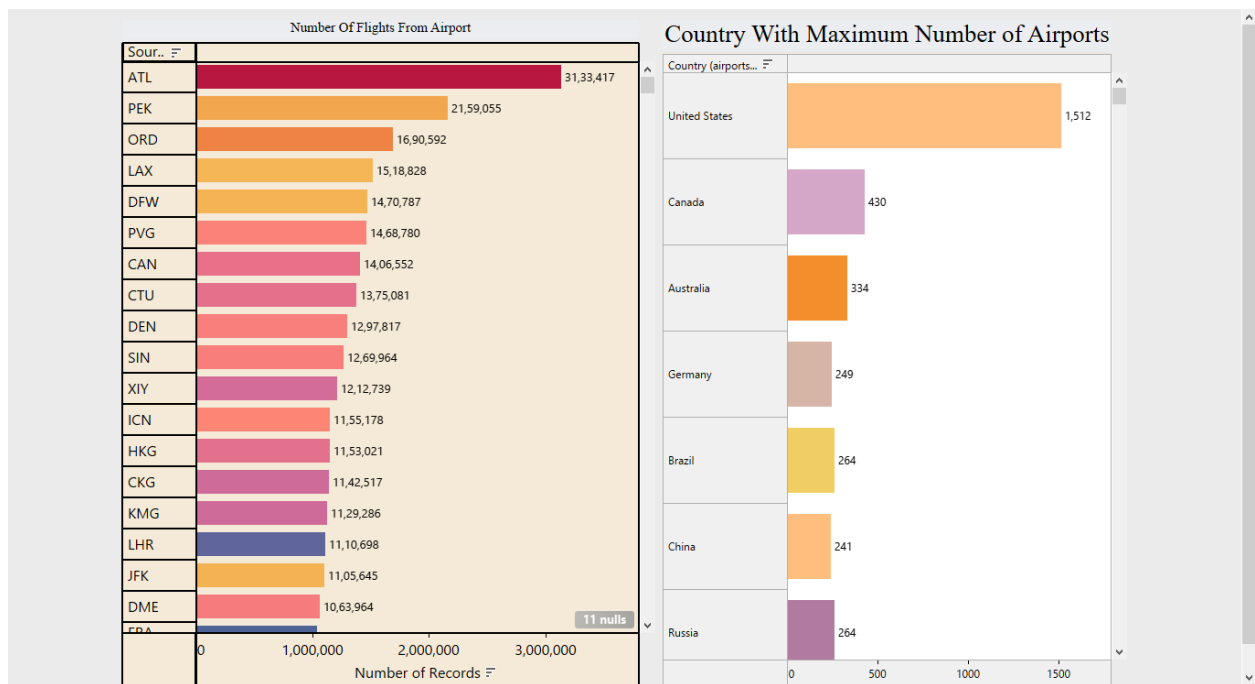
# Dashboard 3

Airports at Higher Altitude within a Country				
index no.	Name (airports.csv)	City	ICAO (airports.csv)	
1	Ziro Airport	Zero	VEZO	5,403
	Vishakhapatnam Airport	Vishakhapatnam	VEVZ	15
	Vir Savarkar International Airport	Port Blair	VOPB	14

Country (airport..  
India

Airports at Higher Altitude Within a World			
Name (airports.csv)	City	ICAO code	
Siglufjörður Airport	Siglufjörður	IN	10
Arviat Airport	Eskimo Point	IN	32
Iles-de-la-Madeleine Airport	Iles De La Madeleine	IN	35
Natashquan Airport	Natashquan	IN	39
Tofino / Long Beach Airport	Tofino	IN	80
Stephenville Airport	Stephenville	IN	84
Nanaimo Airport	Nanaimo	IN	92
Kingston Norman Rogers Airport	Kingston	IN	305
Campbell River Airport	Campbell River	IN	346
Geraldton Greenstone Regional Air..	Geraldton	IN	1,144
Fort McMurray Airport	Fort McMurray	IN	1,211
Prince Albert Glass Field	Prince Albert	IN	1,405
Kelowna International Airport	Kelowna	IN	1,421
Fort St John Airport	Fort Saint John	IN	2,280
Williams Lake Airport	Williams Lake	DC91	3,085
Djanet Inedbirene Airport	Djanet	C130	3,176
Rocky Mountain House Airport	Rocky Mountain House	C25C	3,244
Bou Chekif Airport	Tiaret	PC12	3,245
Calgary International Airport	Calgary	E3SL	3,557
Mecheria Airport	Mecheria	MD88	3,855
Aouenar - Hadi Bev Akhamok Airport	Tamanrasset	MD83	4,518

# Dashboard 4



# Stories

# Global Air Transportation Network

World Map.

### Airline Within in a Country.

Airports at higher altitude within a country & Within in a world.

Number Of F  
Airport and >  
max.no.of.ai

## Global Air Transportation Network

World Map.

### Airline Within in a Country.

Airports at higher altitude  
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Number Of F  
Airport and  
max.no.of.ai

Airlines Within In a Country					Country (airports.csv)
Airline ID	Name	Icao	Callsign		India
218	Air India Limited	AIC	AIRINDIA	<div><div></div></div>	Active
241	Air Sahara	RSH	SAHARA	<div><div></div></div>	
569	Air India Express	AXB	EXPRESS INDIA	<div><div></div></div>	
1026	Alliance Air	LLR	ALLIED	<div><div></div></div>	(All)
1370	Blue Dart Aviation	BDA	BLUE DART	<div><div></div></div>	Active
2001	Deccan Aviation	DKN	DECCAN	<div><div></div></div>	
2575	Go Air	GOW	GOAIR	<div><div></div></div>	<div><div>N</div><div>Y</div></div>
2634	Gujarat Airways	GUJ	GUJARATAIR	<div><div></div></div>	Number Of Airlines
2850	IndiGo Airlines	IGO	IFLY	<div><div></div></div>	
2851	India International Airwa..	IIL	INDIA INTER	<div><div></div></div>	104
2852	Indian Air Force	IFC	INDIAN AIRFORCE	<div><div></div></div>	
2853	Indian Airlines	IAC	INDAIR	<div><div></div></div>	
3000	Jet Airways	JAI	JET AIRWAYS	<div><div></div></div>	
3142	Kingfisher Airlines	KFR	KINGFISHER	<div><div></div></div>	
3907	Paramount Airways	PMW	PARAWAY	<div><div></div></div>	
3918	Pawan Hans	PHE	PAWAN HANS	<div><div></div></div>	
4375	Spicejet	SEJ	SPICEJET	<div><div></div></div>	
13105	Air India Regional	\N	ALLIED	<div><div></div></div>	
13106	MDLR Airlines	\N	MDLR	<div><div></div></div>	
13107	Jagson Airlines	JGN	JAGSON	<div><div></div></div>	
4444	Angkor Air	ANR	ANGKOR	<div><div></div></div>	

## Global Air Transportation Network

< World Map. Airline Within in a Country. Airports at higher altitude within a country & Within in a world. Number Of F Airport and max.no.of.ai >

Airports at Higher Altitude within a Country					Country (airport..
index no.	Name (airports.csv)	City	ICAO (airports.csv)		
1	Ziro Airport	Zero	VEZO	5,403	India
	Vishakhapatnam Airport	Vishakhapatnam	VEVZ	15	
	Vir Savarkar International Airport	Port Blair	VOPB	14	
Airports at Higher Altitude Within a World					Country (airport..
Name (airports.csv)		City	ICAO code		
Siglufjörður Airport		Siglufjörður	IS	10	Iceland
Arviat Airport		Eskimo Point	IS	32	
Îles-de-la-Madeleine Airport		Îles De La Madeleine	IS	35	Canada
Natashquan Airport		Natashquan	IS	39	
Tofino / Long Beach Airport		Tofino	IS	80	Canada
Stephenville Airport		Stephenville	IS	84	
Nanaimo Airport		Nanaimo	IS	92	Canada
Kingston Norman Rogers Airport		Kingston	IS	305	
Campbell River Airport		Campbell River	IS	346	Canada
Geraldton Greenstone Regional Air..		Geraldton	IS	1,144	

## Global Air Transportation Network

< Airline Within in a Country. Airports at higher altitude within a country & Within in a world. Number Of Flights From Airport and country with max.no.of.airports >

Number Of Flights From Airport		Country With Maximum Number of Airports	
Sour...		Country (airports...	
ATL	31,33,417	United States	1,512
PEK	21,59,055	Canada	430
ORD	16,90,592	Australia	334
LAX	15,18,828	Germany	249
DFW	14,70,787	Brazil	264
PVG	14,68,780		
CAN	14,06,552		
CTU	13,75,081		
DEN	12,97,817		
SIN	12,69,964		
XIY	12,12,739		
ICN	11,55,178		
HKG	11,53,021		
CKG	11,42,517		
KMG	11,29,286		

# ADVANTAGES & DISADVANTAGES

## Advantages

### ➤ Data Visualization:

Tableau excels in creating interactive and visually appealing data visualizations. It can help users easily understand complex air transportation data through charts, graphs, and maps.

### ➤ Real-time Analysis:

Tableau can connect to real-time data sources, allowing for up-to-the-minute analysis of flight data, which can be crucial for decision-making in the dynamic aviation industry.

### ➤ Historical Analysis:

Users can explore historical flight data trends, allowing airlines, airports, and aviation authorities to make informed decisions based on past performance.

### ➤ Geographic Insights:

Tableau's mapping capabilities can provide geographic insights into flight routes, helping identify potential expansion opportunities or route optimization.

### ➤ Custom Dashboards:

Tableau allows users to create customized dashboards tailored to their specific needs, enabling them to focus on the metrics and KPIs most relevant to them.

## Disadvantages

### ➤ Data Complexity:

The global air transportation network involves vast amounts of data, which can be challenging to manage and analyze effectively in Tableau. Ensuring data quality and consistency is crucial.

### ➤ Cost:

Tableau licenses and maintenance costs can be high, making it a less accessible option for smaller organizations or individuals.

### ➤ Learning Curve:

Using Tableau effectively requires a learning curve, and not all users may have the necessary skills to harness its full potential.

### ➤ Integration Challenges:

Integrating Tableau with other data sources and systems used in the aviation industry can be complex and may require additional technical expertise.

### ➤ Security Concerns:

Handling sensitive flight data comes with security and privacy concerns. Proper data security measures must be in place to protect this information.

In summary, Tableau can be a powerful tool for gaining insights into the global air transportation network, but it comes with challenges related to data complexity, cost, and learning curve. Organizations should carefully weigh the pros and cons before implementing Tableau for aviation data analysis.

# APPLICATIONS

## ➤ Route Optimization:

Airlines can use Tableau to analyze historical flight data and passenger trends to optimize their flight routes for efficiency and profitability.

## ➤ Customer Segmentation:

Airlines can segment their customer base using Tableau to tailor marketing campaigns and services to different passenger groups.

## ➤ Operational Efficiency:

Tableau can be used to monitor and improve the efficiency of airport operations, such as baggage handling and passenger flow.

## ➤ Safety and Compliance:

Airlines can use Tableau to track safety and compliance metrics, ensuring that they meet regulatory requirements.

## ➤ Cost Analysis:

Tableau can help airlines analyze their costs, from fuel expenses to maintenance, to identify areas for cost reduction.

## ➤ Airport Management:

Tableau can assist airport authorities in managing and optimizing their resources, such as runways, gates, and terminal facilities.

## ➤ Environmental Impact:

Tableau can be employed to assess the environmental impact of air travel, aiding in sustainability efforts and emissions reduction strategies.

### ➤ Competitive Analysis:

Airlines can use Tableau to compare their performance with competitors in terms of routes, prices, and customer satisfaction

### ➤ Real-time Monitoring:

Tableau dashboards can provide real-time insights into flight delays, weather conditions, and other factors affecting air travel, allowing for quicker decision-making. These are just a few examples of how Tableau can be applied to unlock insights into the global air transportation network, benefiting airlines, airports, and passengers alike.

## CONCLUSION

### ➤ Route Optimization:

Identify the most profitable routes and optimize flight schedules based on historical data and passenger demand.

### ➤ Cost Efficiency:

Examine operational costs, fuel consumption, and maintenance data to identify areas for cost reduction and efficiency improvements.

### ➤ Safety Enhancements:

Analyze safety incident reports and maintenance records to proactively address safety concerns and improve overall aviation safety.

### ➤ Market Expansion:

Identify underserved regions and potential growth markets for airlines, leading to strategic expansion opportunities.

### ➤ Environmental Impact:

Assess carbon emissions and environmental impact data to develop sustainable aviation practices and reduce the industry's carbon footprint.

### ➤ Forecasting:

Utilize predictive analytics to forecast demand, revenue, and operational needs, aiding in long-term planning.

In conclusion, Tableau can help unlock a wealth of insights in the global air transportation network, empowering airlines, airports, and industry stakeholders to make informed decisions, enhance operations, and provide better services to passengers while addressing environmental and economic challenges.

## **FUTURE SCOPE**

### ➤ Real-time Data Integration:

Incorporating real-time data feeds from airlines, airports, and air traffic control systems can provide up-to-the-minute insights into flight delays, weather-related disruptions, and other critical information for both passengers and operators.

### ➤ Predictive Analytics:

Utilize machine learning and predictive analytics to forecast flight delays, passenger demand, and maintenance needs. This can help airlines and airports proactively manage resources and improve the passenger experience.

### ➤ Enhanced Visualizations:

Continuously improve the visualizations in Tableau to make them more interactive and intuitive. Incorporate 3D maps and animations to provide a more immersive understanding of the air transportation network.



### ➤ Personalized Passenger Insights:

Develop dashboards that allow passengers to track their flights, get personalized travel recommendations, and receive notifications about flight changes or disruptions via mobile apps or websites.

### ➤ Environmental Impact Analysis:

Use Tableau to analyze and visualize the environmental impact of the air transportation network, including carbon emissions and fuel consumption. This can aid in the development of more sustainable practices.

### ➤ Security and Safety Monitoring:

Create dashboards that monitor security and safety aspects of air travel, including tracking incidents, analyzing security vulnerabilities, and ensuring compliance with safety regulations.

### ➤ Cost Optimization:

Help airlines and airports reduce operational costs by identifying areas where efficiency improvements can be made, such as baggage handling, gate assignments, and fuel consumption.

### ➤ Global Network Collaboration:

Collaborate with international organizations and aviation stakeholders to create a global network of data sharing and insights, facilitating a more coordinated and efficient air transportation system.

### ➤ AI-Driven Chatbots:

Implement AI-driven chatbots within Tableau dashboards to answer passenger queries, provide real-time flight updates, and assist with travel planning.

### ➤ Data Security:

Enhance data security and privacy measures to ensure that sensitive information about passengers, flights, and operations is protected.

## ➤ Accessibility:

Make Tableau dashboards accessible to individuals with disabilities, ensuring that everyone can benefit from the insights provided.

By continually innovating and expanding the capabilities of Tableau in the context of the global air transportation network, you can contribute to safer, more efficient, and more convenient air travel experiences for passengers and better operations for airlines and airports.

## APPENDIX

Link for Dashboard 1:

[https://public.tableau.com/views/dashboard1\\_16965876906300/Dashboard1?:language=en-US&:display\\_count=n&:origin=viz\\_share\\_link](https://public.tableau.com/views/dashboard1_16965876906300/Dashboard1?:language=en-US&:display_count=n&:origin=viz_share_link)

Link for Dashboard 2:

[https://public.tableau.com/views/dashboard2\\_16965878406790/Dashboard2?:language=en-US&:display\\_count=n&:origin=viz\\_share\\_link](https://public.tableau.com/views/dashboard2_16965878406790/Dashboard2?:language=en-US&:display_count=n&:origin=viz_share_link)

Link for Dashboard 3:

[https://public.tableau.com/views/dashboard3\\_16965878919630/Dashboard3?:language=en-US&:display\\_count=n&:origin=viz\\_share\\_link](https://public.tableau.com/views/dashboard3_16965878919630/Dashboard3?:language=en-US&:display_count=n&:origin=viz_share_link)

Link for Dashboard 4:

[https://public.tableau.com/views/dashboard4\\_16965879588820/Dashboard4?:language=en-US&:display\\_count=n&:origin=viz\\_share\\_link](https://public.tableau.com/views/dashboard4_16965879588820/Dashboard4?:language=en-US&:display_count=n&:origin=viz_share_link)

Link for Story

[https://public.tableau.com/views/story\\_16965880864310/Story1?:language=en-US&:display\\_count=n&:origin=viz\\_share\\_link](https://public.tableau.com/views/story_16965880864310/Story1?:language=en-US&:display_count=n&:origin=viz_share_link)

THANK YOU