

Unlocking Insights Into The Global Air Transportation Network With Tableau.

Government Arts College, Karur-5

FACULTY MENTOR
Ms.K.KALPANA M.Sc,B.Ed
GUEST LECTURE



TEAM MEMBERS:

- **SATHYASRI.C-TEAM LEADER**
- **SABARINATHAN.S-TEAM MEMBER**
- **RUBAN.K-TEAM MEMBER**
- **RAGUL.S-TEAM MEMBER**

A large commercial airplane, likely a Boeing 747, is shown in flight against a clear blue sky. The aircraft is white with a distinctive yellow and black checkered pattern on the tail. It is flying over a vast blue ocean. The text "Introduction:" is overlaid on the left side of the image.

Introduction:

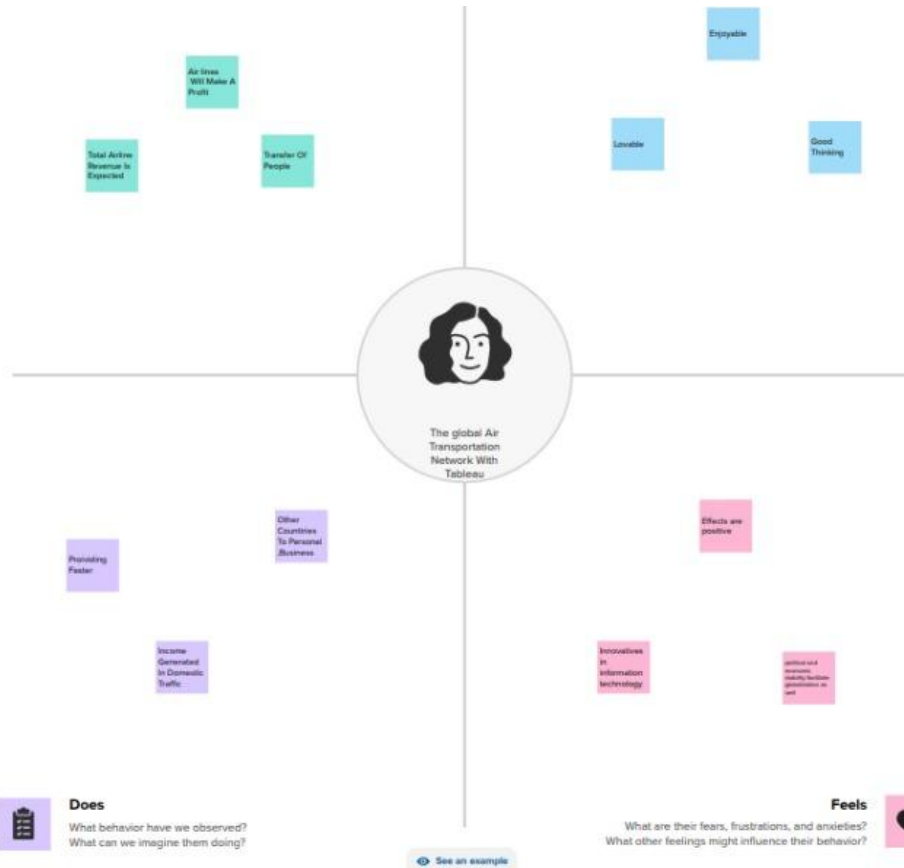
An airplane (American English), or aeroplane (Commonwealth English), informally plane, is a fixed-wing aircraft that is propelled forward by thrust from a jet engine, propeller, or rocket engine. Airplanes come in a variety of sizes, shapes, and wing configurations.



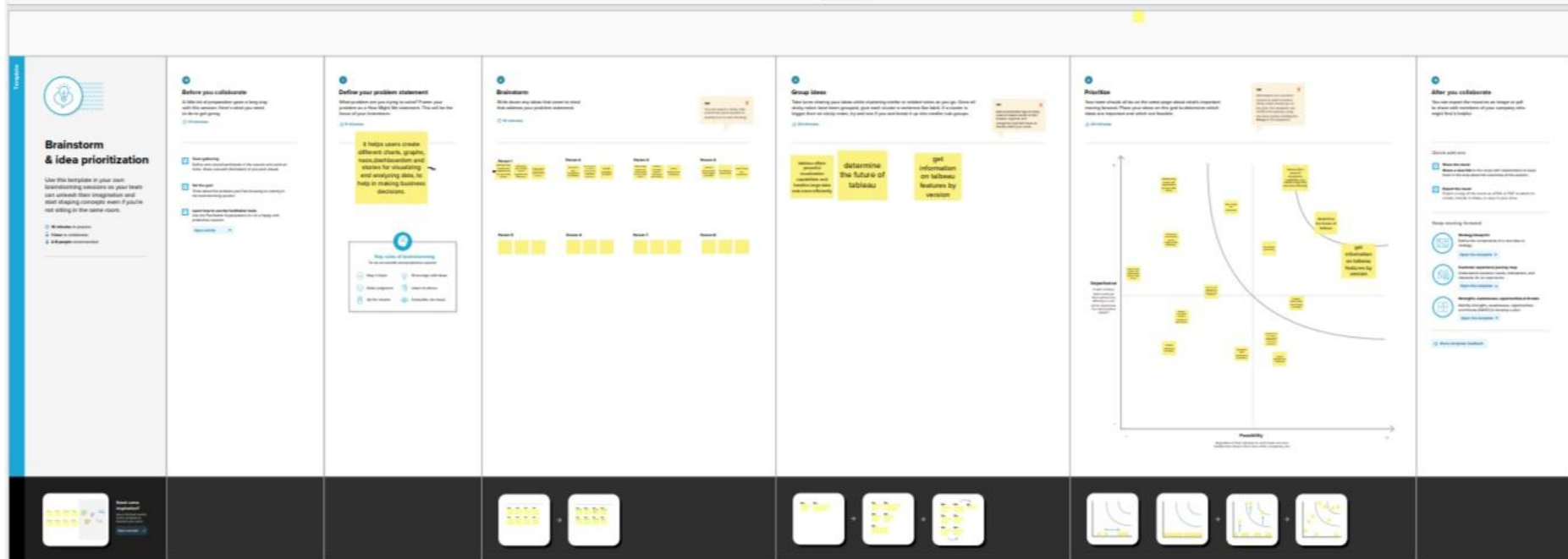
Purpose Of Airplanes:

Airplanes are transportation devices which are designed to move people and cargo from one place to another. Airplanes come in many different shapes and sizes depending on the mission of the aircraft.

EMPATHY MAP



BRAINSTORMING MAP



DATA SET

[illegible]

A large commercial airplane is parked on a tarmac under a clear blue sky. The aircraft's cargo door is open, and its main cabin door is also open. The engine is visible on the left side of the fuselage. The background shows a clear blue sky and some distant airport structures.

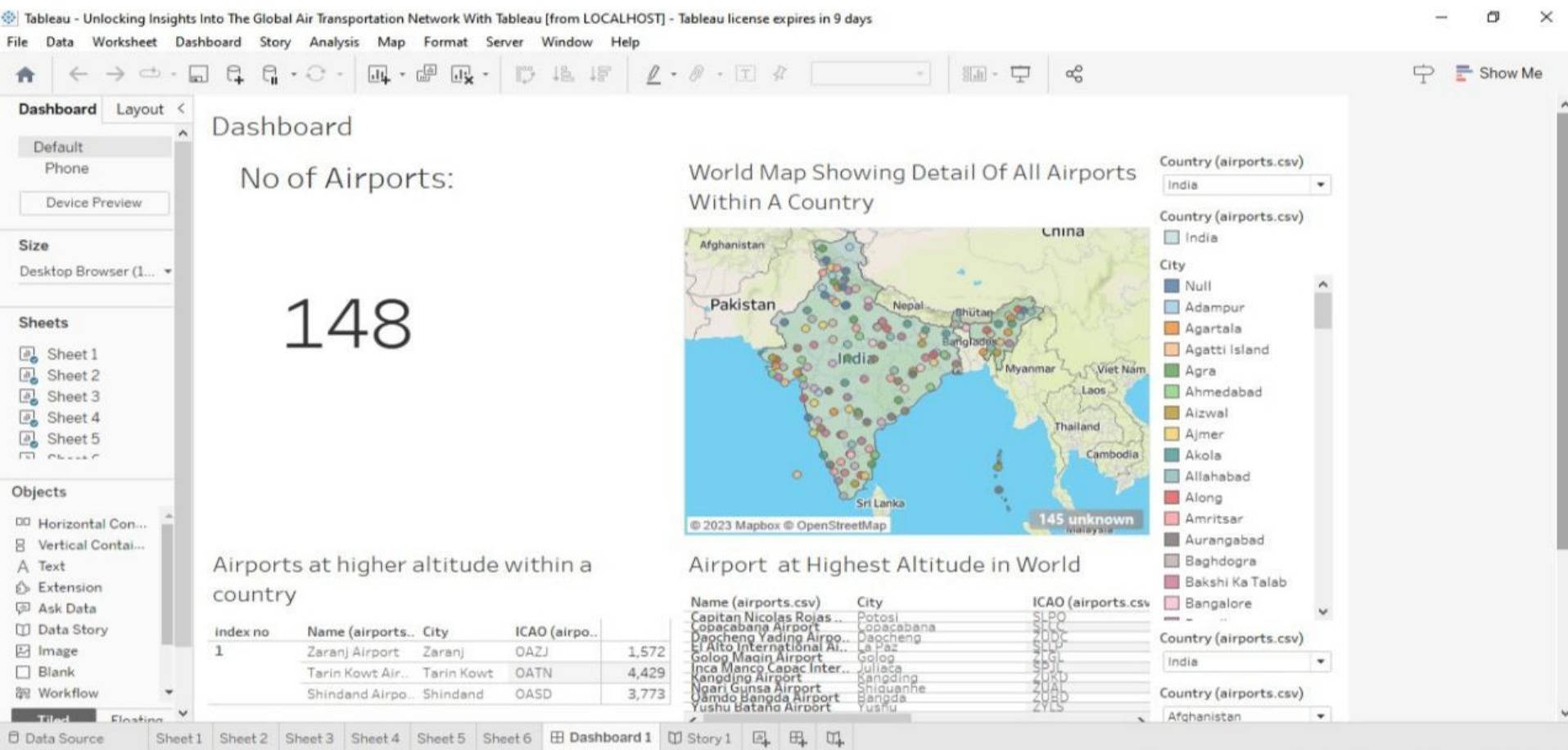
ABOUT DATASET:

Name: The name of the airport.

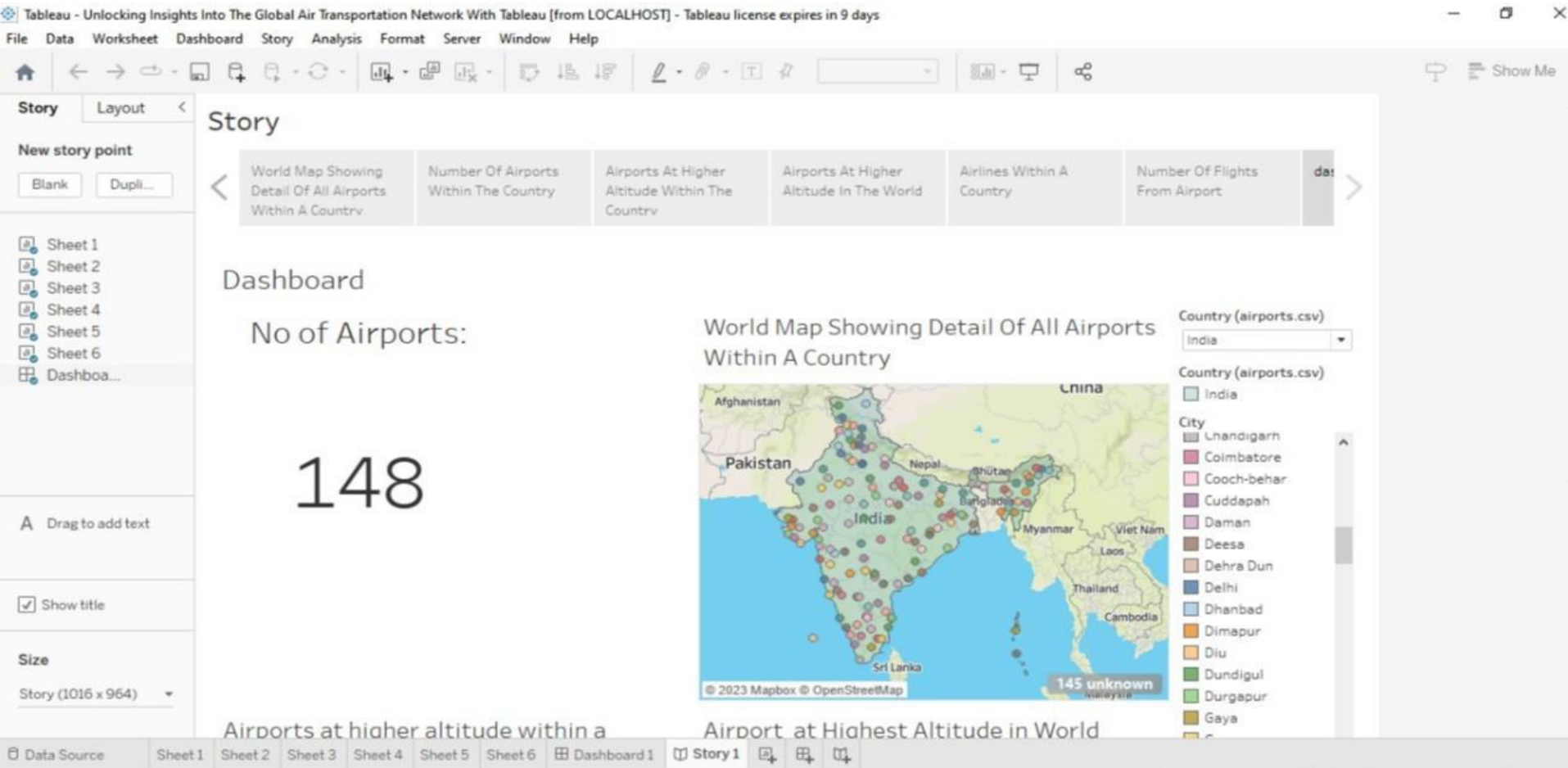
IATA code: International Air Transport Association code, a three-letter code used to identify airports.

ICAO code: International Civil Aviation Organization code, a four-letter code used to identify airports.

DASHBOARD:



STORY:



ADVANTAGES OF AIRPLANES:

I also value the advantages of being able to travel to other parts of the world quickly and frequently at a reasonable cost. Here are my top ten reasons to fly: Speed. Affordableness Safety Comfortability can make good use of travel time.



DISADVANTAGES OF AIRPLANES:

- High Cost. This is significantly more costly for its services than land, rail, and water transportation. ...
- Risky. ...
- Limited capacity. ...
- Uncertain and Unreliable. ...
- Accident-prone. ...
- Requires Skill. ...
- Large Investment. ...
- Unfit for cheap and bulky goods.



FUTURE GOAL OF AIRPLANES:

Engines and aircraft become lighter, quieter and more efficient. Emerging technologies are reshaping with robotics, artificial intelligence, the internet of things, unmanned aircraft systems and the push for hybrid and electric airplanes – just to name a few.

A large commercial airplane is shown from a low angle, flying towards the viewer. The plane is white with two large engines mounted under the wings. The background is a clear blue sky with some white clouds at the bottom. The text "CONCLUSION:" is written in red in the top left corner.

CONCLUSION:

In conclusion, they appear as a more clean way to travel, helping out the Earth. The airplane was one of the most important inventions due to it creating jobs, creating easier cultural access, causes economic boosts, and created less pollution than most means of travel and also has an interesting history.