



**WELCOME TO SMART
INTERNZ**



DATA LITERACY WITH TABLEAU

PROJECT TITLE:

**UNLOCKING INSIGHTS THE GLOBAL AIR
TRANSPORTATION NETWORK**

TEAM PROFILE:

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INTRODUCTION

1. OVERVIEW



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.

2. PURPOSE

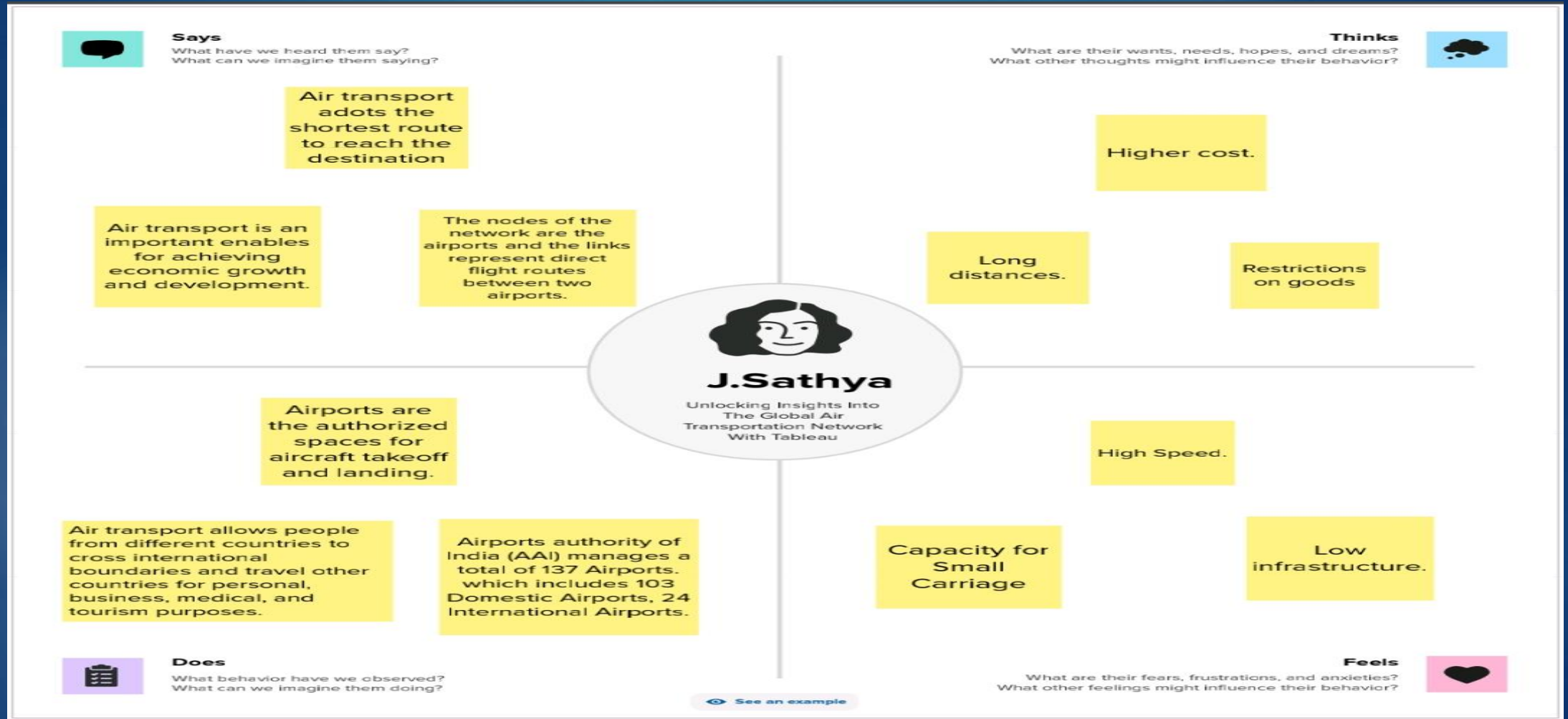


Air transport allows the people from different countries to cross international boundaries and travel other countries for personal, business, medical, and tourism purposes.

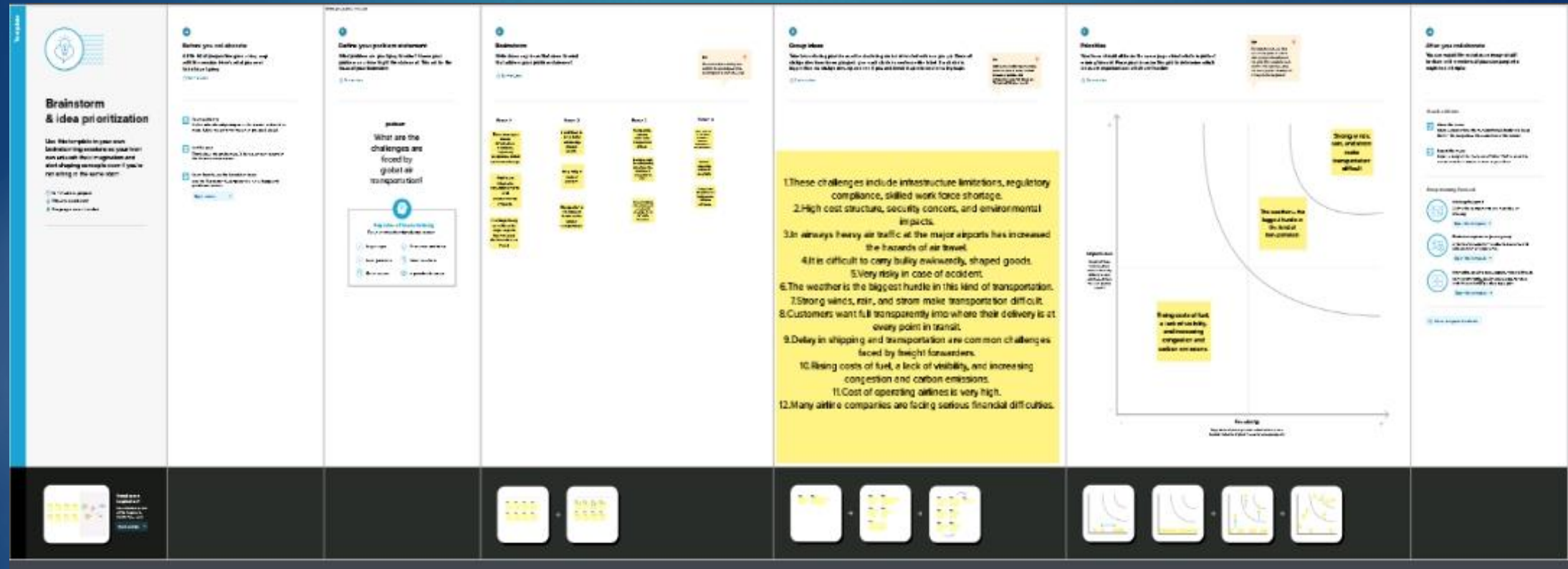


Air transport is at the heart of global economic growth. It creates facilitates trade, enables tourism and supports sustainable development all around the world.

PROBLEM DEFINING & DEFINE THINKING

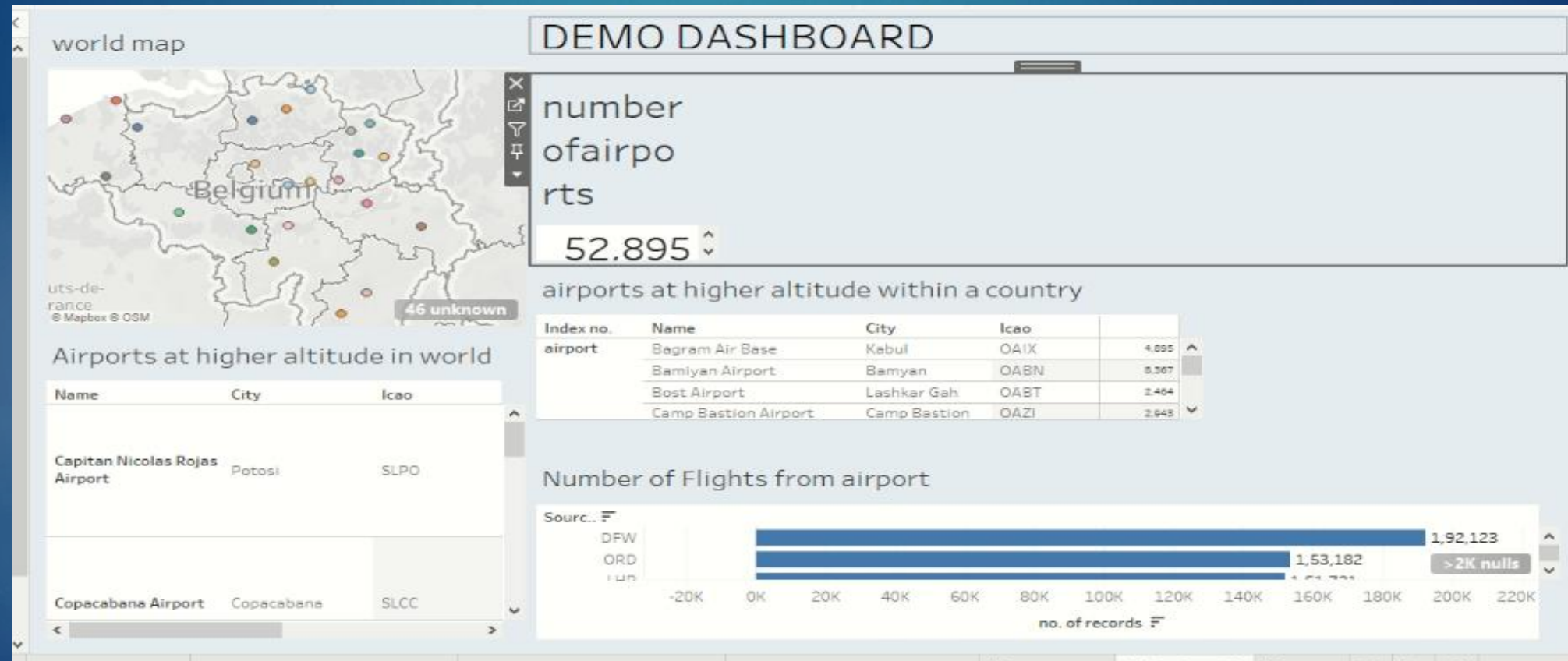


100



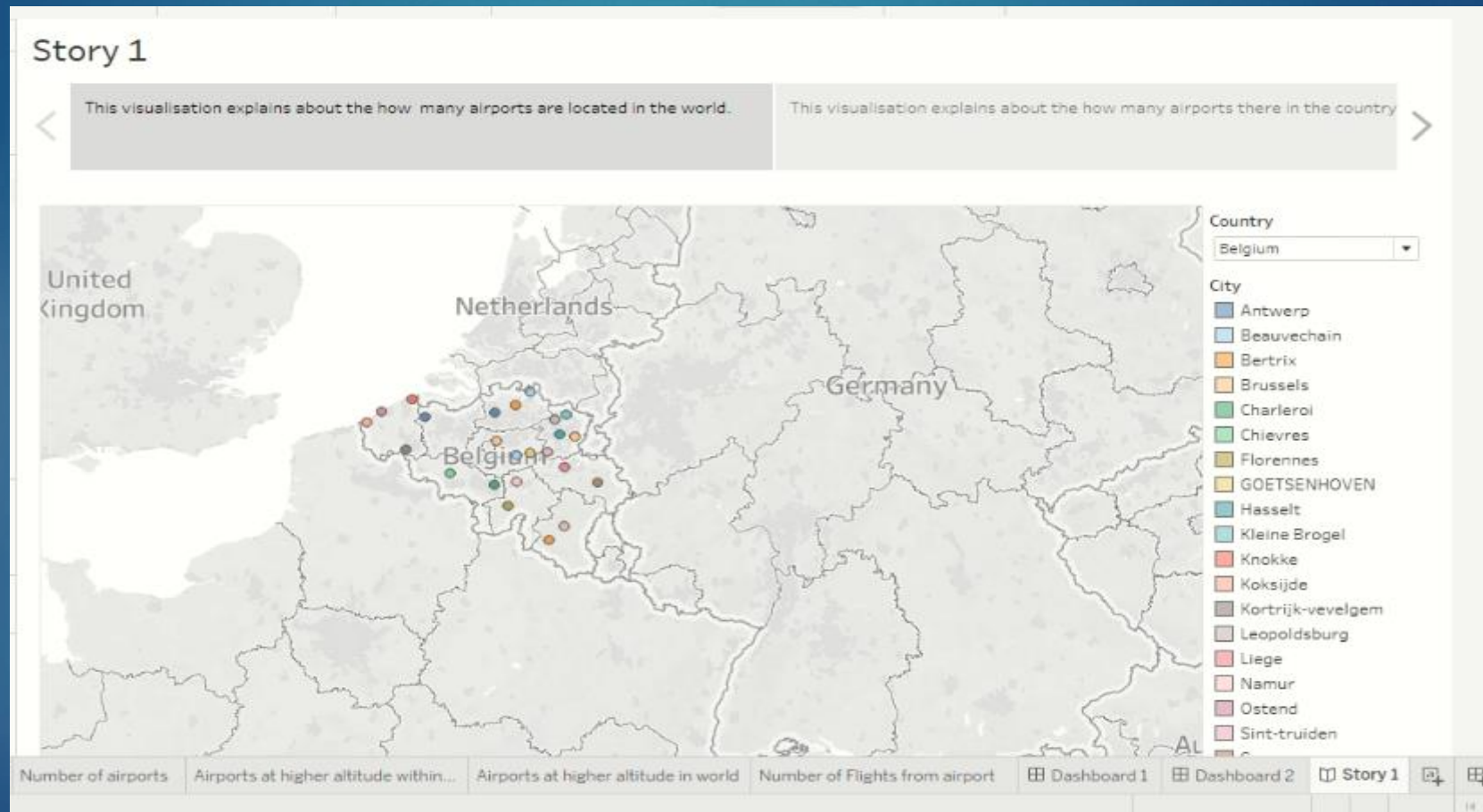
RESULT

DASHBOARD

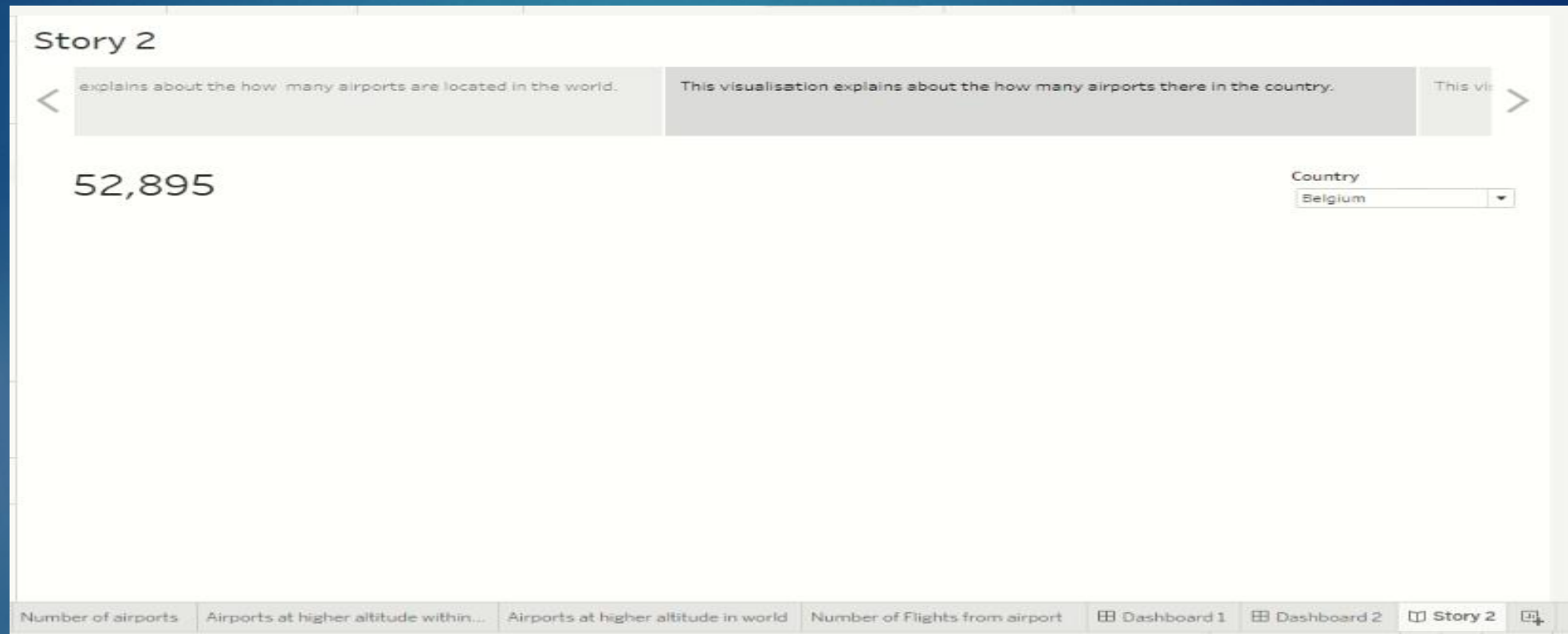


STORY

VISUALIZATION -1



VISUALIZATION -2



VISUALIZATION - 3

Story 3

This visualisation shows the how many airports at higher altitude within a country. This visualisation shows the how many airports at higher altitude in

| Index no. | Name | City | Icao | |
|-----------|-----------------------------|----------------|------|-------|
| airport | Bagram Air Base | Kabul | OAIX | 4,895 |
| | Bamiyan Airport | Bamiyan | OABN | 8,367 |
| | Bost Airport | Lashkar Gah | OABT | 2,464 |
| | Camp Bastion Airport | Camp Bastion | OAZI | 2,943 |
| | Chakcharan Airport | Chaghcharan | OACC | 7,383 |
| | Farah Airport | Farah | OAFR | 3,083 |
| | Fayzabad Airport | Faizabad | OAFZ | 5,872 |
| | Ghazni Airport | Ghazni | OAGN | 7,150 |
| | Hamid Karzai Internation... | Kabul | OAKB | 5,877 |
| | Herat Airport | Herat | OAHR | 3,206 |
| | Jalalabad Airport | Jalalabad | OAJL | 1,814 |
| | Kandahar Airport | Kandahar | OAKN | 3,337 |
| | Khost Airport | Khost | OAKS | 3,756 |
| | Kunduz Airport | Kunduz | OAUZ | 1,457 |
| | Maimana Airport | Maimama | OAMN | 2,743 |
| | Mazar I Sharif Airport | Mazar-i-sharif | OAMS | 1,284 |
| | Shank Air Base | Shank | OASH | 8,890 |
| | Sharana Airstrip | Sharona | OASA | 7,340 |
| | Sheberghan Airport | Sheberghan | OASG | 1,053 |
| | Shindand Airport | Shindand | OASD | 3,772 |
| | Tarin Kowt Airport | Tarin Kowt | OATN | 4,429 |

top n

☒ (All)

☒ OurAirports

Limit

Top 3 by SUM([Altitude])

Country

Afghanistan

Number of airports | Airports at higher altitude within... | Airports at higher altitude in world | Number of Flights from airport | Dashboard 1 | Dashboard 2 | Story 3

VISUALIZATION -4

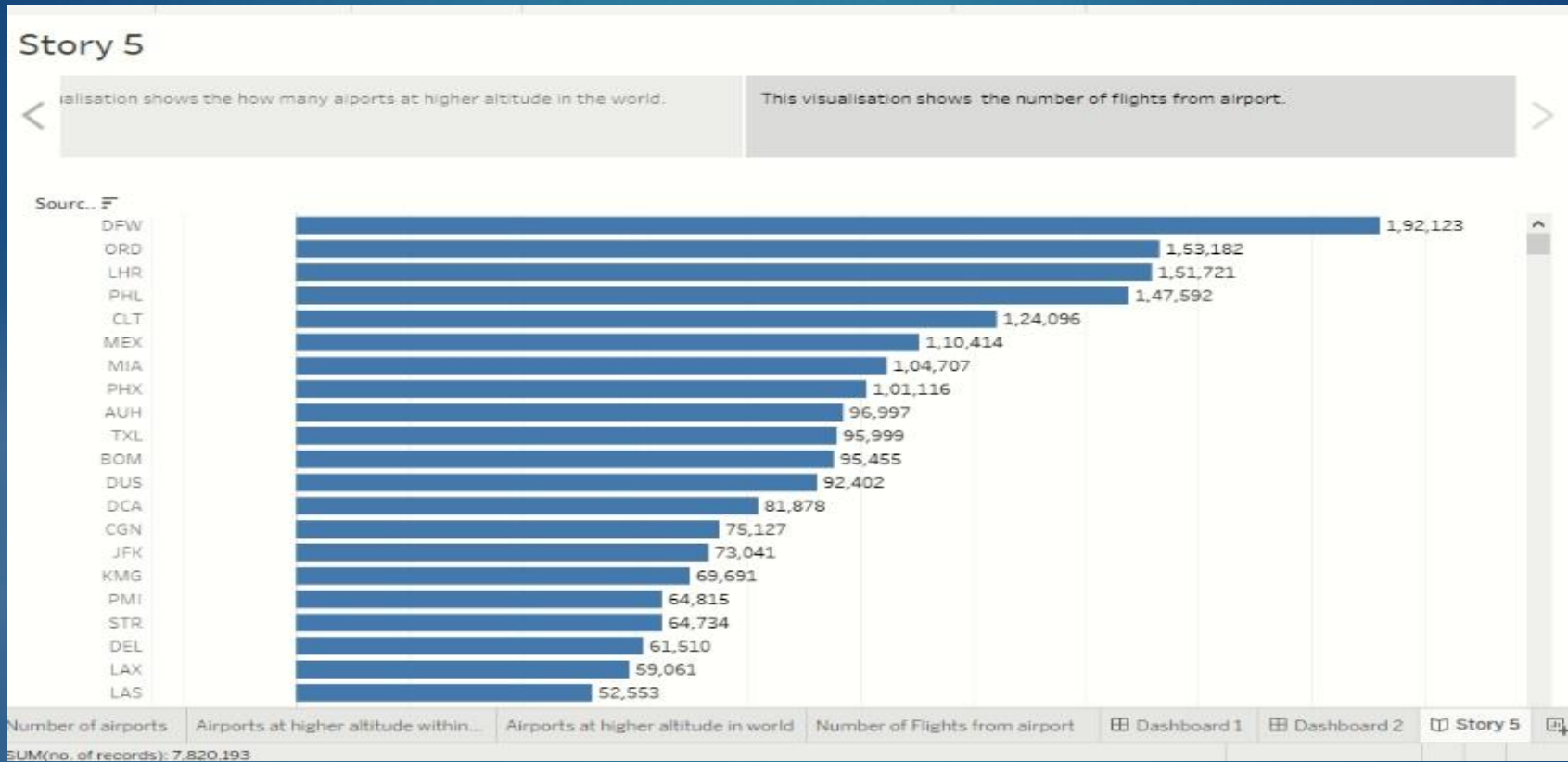
Story 4

< Entry. This visualisation shows the how many airports at higher altitude in the world. This visualisation shows the number of flights from airport. >

| Name | City | Icao | |
|-------------------------------|------------|------|--------|
| Capitan Nicolas Rojas Airport | Potosi | SLPO | 12,913 |
| Copacabana Airport | Copacabana | SLCC | 12,591 |
| Daocheng Yading Airport | Daocheng | ZUDC | 14,472 |
| El Alto International | | | |

Number of airports Airports at higher altitude within... Airports at higher altitude in world Number of Flights from airport Dashboard 1 Dashboard 2 Story 4

VISUALIZATION - 5



DASHBOARD LINK :

https://public.tableau.com/views/NMDEMO_16962935457720/Dashboard2?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

STORY LINK :

https://public.tableau.com/views/NMDEMOSTORY/Story1?:language=en-US&publish=yes&:display_count=n&:origin=viz_share_link

CONCLUSION

INTRODUCTION

1.OVERVIEW

2.PURPOSE

PROBLEM DEFINING AND DEFINE THINKING

BRAIN STROMING MAP

RESULT

DASH BOARD

STORY



THANK YOU