

Tableau - Global Air Transportation Network Dataset

**Connections** Add

**airlines+** Text file

**Files**

Use Data Interpreter  
Data Interpreter might be able to clean your Text file workbook.

- airlines.csv
- airplanes.csv
- airports.csv
- MEGA-RECOVERYKEY.txt
- routes.csv

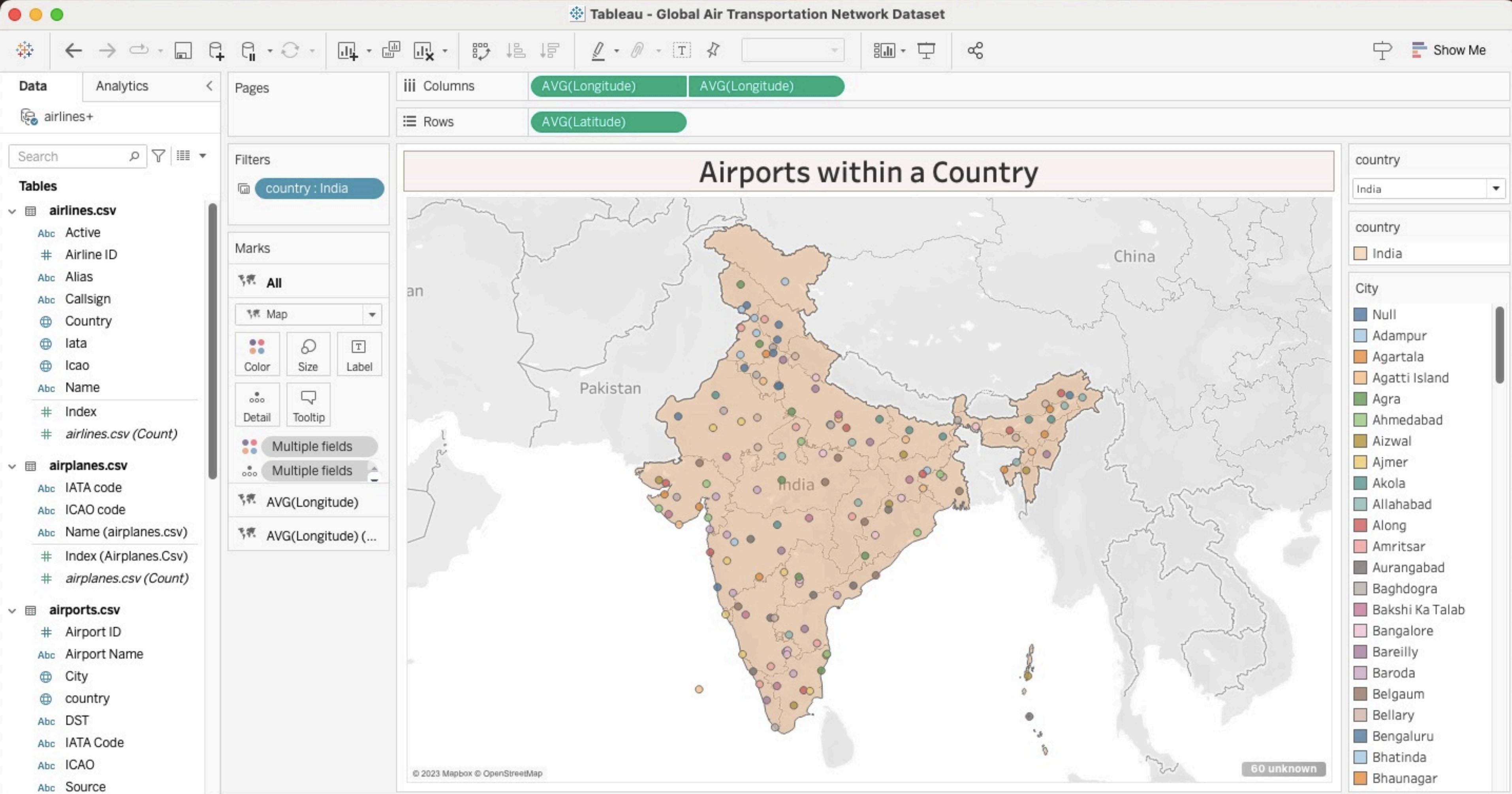
**New Union**

**New Table Extension**

**airlines.csv** 9 fields 6162 rows 100 rows

Name	Type	Field Name	Physical Table	Remote Field Name	#	Index	#	Airline ID	ABC	airlines.csv	ABC	airlines.csv	ABC	airlines.csv	ABC	airlines.csv	
airlines.csv					airlines.csv	airline ID	airlines.csv	Name	airlines.csv	airline ID	airlines.csv	airline ID	airlines.csv	airline ID	airlines.csv	airline ID	airlines.csv
					Index		Index		Index		Index		Index		Index		Index
					0		-1		Unknown		\N		-		null		\N
					1		1		Private flight		\N		-		null		\N
					2		2		135 Airways		\N		null		GNL		GENERAL
					3		3		1Time Airline		\N		1T		RNX		NEXTIME
					4		4		2 Sqn No 1 Elementary Flying...		\N		null		WYT		null
					5		5		213 Flight Unit		\N		null		TFU		null

**Data Source** Airports within a country Number of Airports Higher altitude within a country Higher altitude in the world Airlines within a country No. of flights Dashboard 1 Max no. of airports Dashboard 2



Data Source Airports within a country Number of Airports Higher altitude within a country Higher altitude in the world Airlines within a country No. of flights Dashboard 1 Max no. of airports Dashboard 2

149 marks 1 row by 1 column SUM of AVG(Longitude): 11,900.94

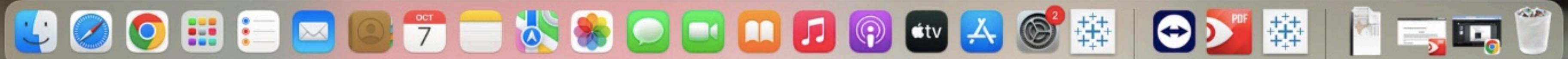
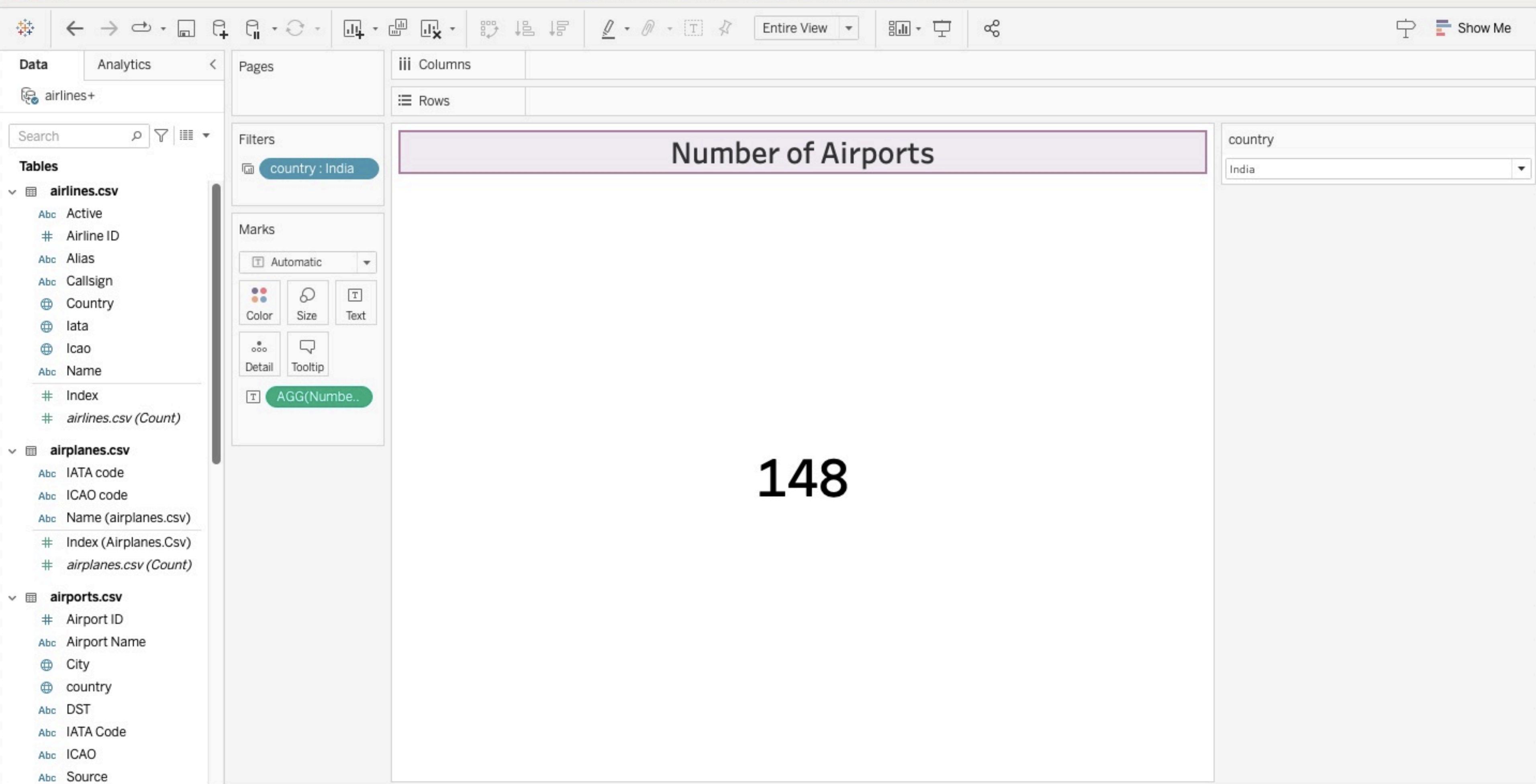


 Tableau - Global Air Transportation Network Dataset



148

Tableau - Global Air Transportation Network Dataset

Data Analytics < Pages Columns

airlines+ Rows Index no. Airport Name City ICAO

Search Filters country : Faroe Islands top n: True

Tables

- airlines.csv**
  - Abc Active
  - # Airline ID
  - Abc Alias
  - Abc Callsign
  - 🌐 Country
  - 🌐 Iata
  - 🌐 Icao
  - Abc Name
  - # Index
  - # airlines.csv (Count)
- airplanes.csv**
  - Abc IATA code
  - Abc ICAO code
  - Abc Name (airplanes.csv)
  - # Index (Airplanes.Csv)
  - # airplanes.csv (Count)
- airports.csv**
  - # Airport ID
  - Abc Airport Name
  - 🌐 City
  - 🌐 country
  - Abc DST
  - Abc IATA Code
  - Abc ICAO
  - Abc Source

## Airports at Higher Altitude within a Country

Index no.	Airport Name	City	ICAO	
1	Vagar Airport	Vagar	EKVG	280
2	Tórshavn/Bodanes Heliport	Torshavn	EKTB	68
3	Stóra Dímun Heliport	Stora Dimun	EKSR	305

Marks

- Automatic
- Color
- Size
- Text
- Detail
- Tooltip
- SUM(Altitude)

country  
Faroe Islands



Tableau - Global Air Transportation Network Dataset

Pages

Columns

Rows

Airport Name City ICAO

## Airports at Higher Altitude in the World

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 Airport	La Paz	SLLP	13,355
Golog Maqin Airport	Golog	ZLGL	12,426
Inca Manco Capac International Airport	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

Tables

airlines.csv

- Abc Active
- # Airline ID
- Abc Alias
- Abc Callsign
- 🌐 Country
- 🌐 Iata
- 🌐 Icao
- Abc Name
- # Index
- # airlines.csv (Count)

airplanes.csv

- Abc IATA code
- Abc ICAO code
- Abc Name (airplanes.csv)
- # Index (Airplanes.Csv)
- # airplanes.csv (Count)

airports.csv

- # Airport ID
- Abc Airport Name
- 🌐 City
- 🌐 country
- Abc DST
- Abc IATA Code
- Abc ICAO
- Abc Source

Data Source Airports within a country Number of Airports Higher altitude within a country Higher altitude in the world Airlines within a country No. of flights Dashboard 1 Max no. of airports Das

10 marks 10 rows by 1 column SUM(Altitude): 133,408

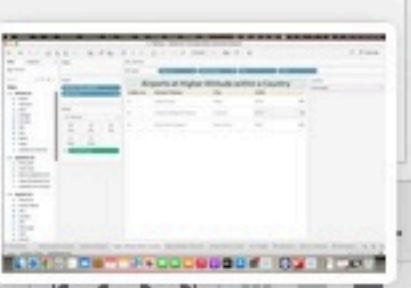


Tableau - Global Air Transportation Network Dataset

Data Analytics < Pages Columns Rows Standard

airlines+ Search Filters

**Airlines within a Country**

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

Active (All) N Y

Country Denmark

Active Y

**Tables**

- airlines.csv**
  - Abc Active
  - # Airline ID
  - Abc Alias
  - Abc Callsign
  - 🌐 Country
  - 🌐 Iata
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  - Abc Source



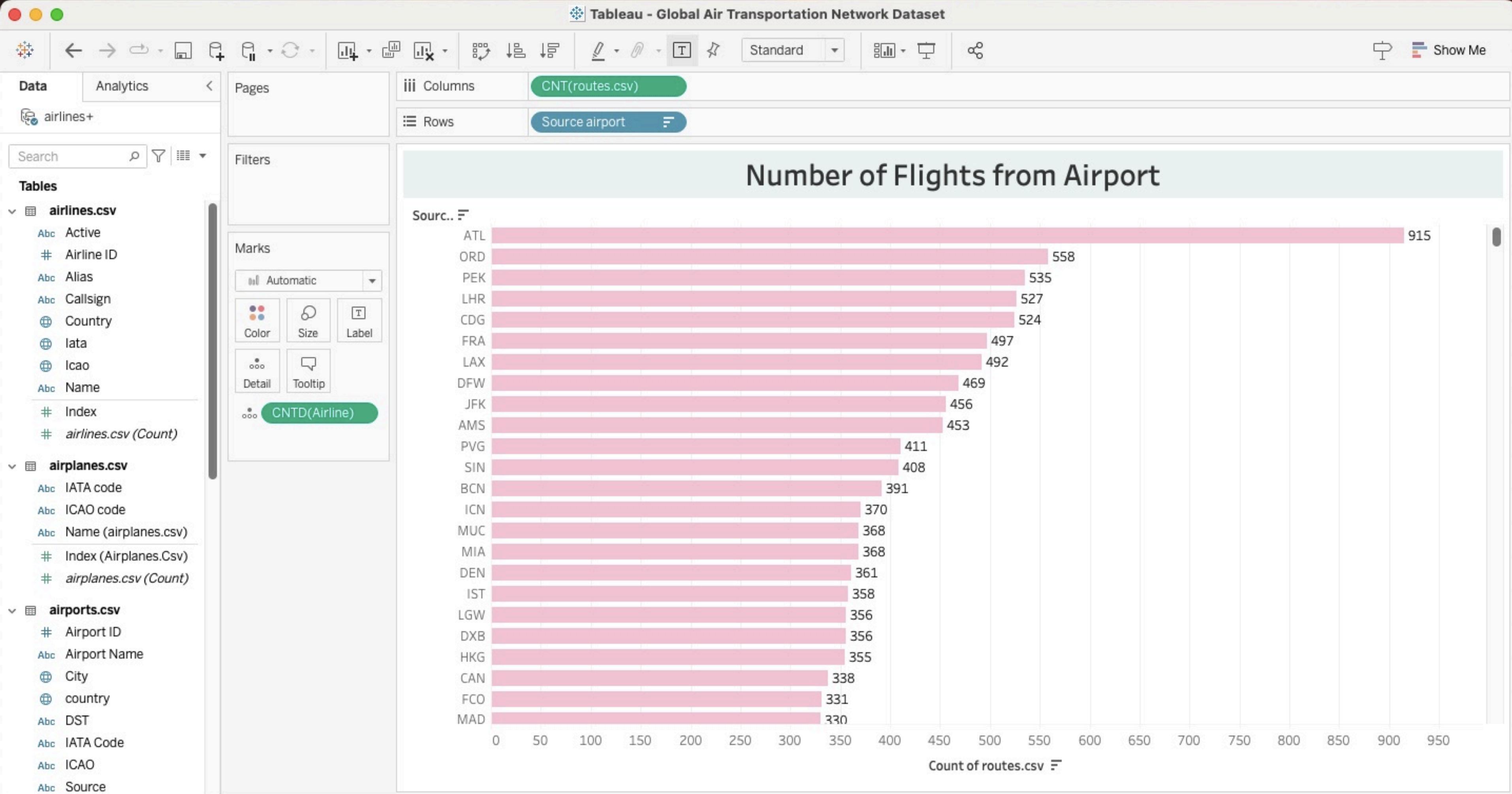
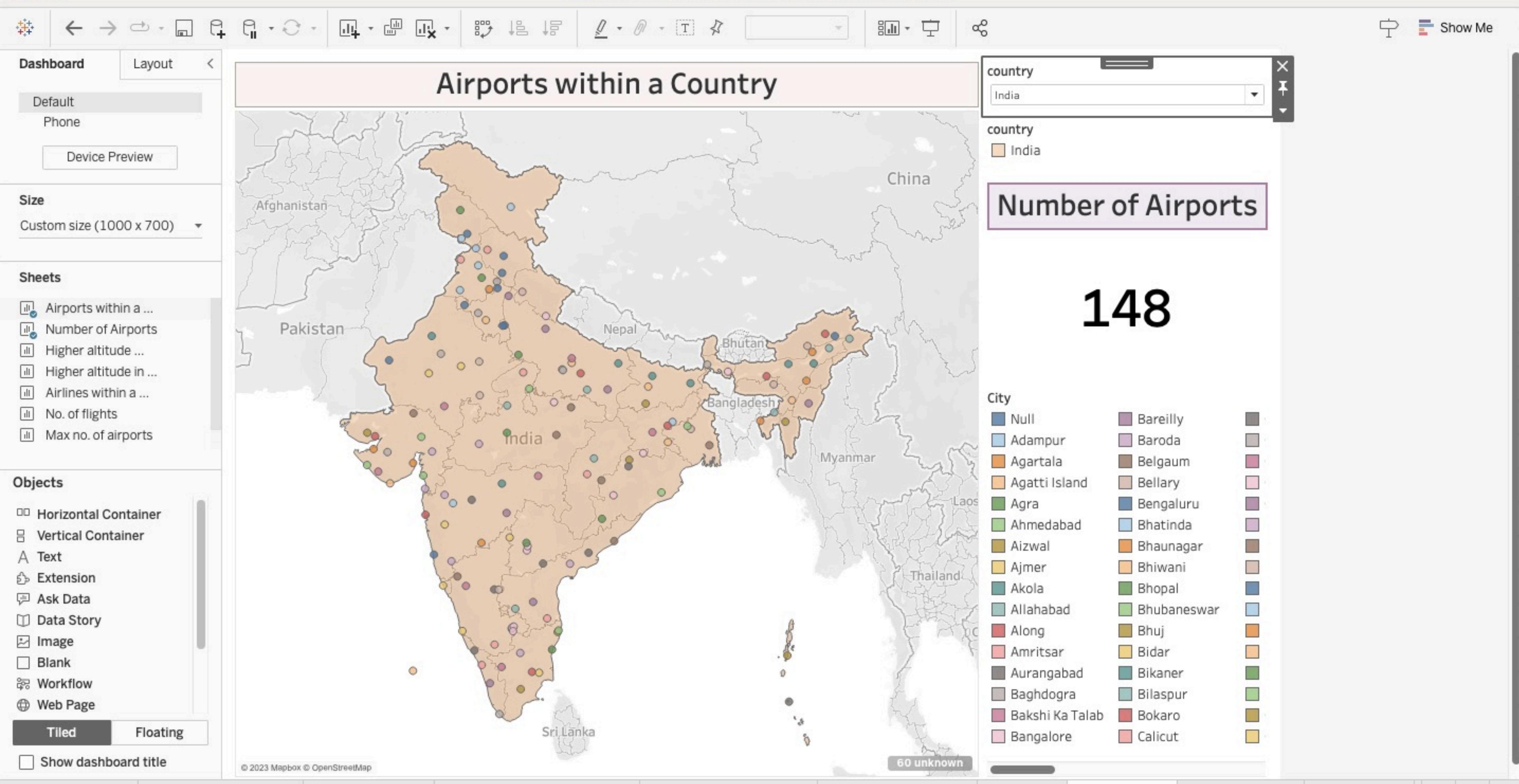


Tableau - Global Air Transportation Network Dataset



## Number of Airports

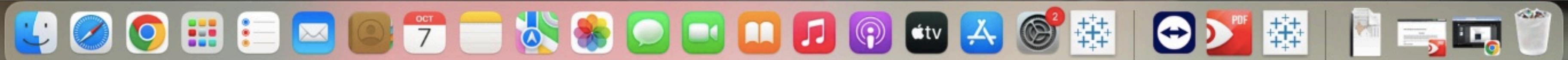
148

City	
Null	
Adampur	
Agartala	
Agatti Island	
Agra	
Ahmedabad	
Aizwal	
Ajmer	
Akola	
Allahabad	
Along	
Amritsar	
Aurangabad	
Baghdogra	
Bakshi Ka Talab	
Bangalore	
Bareilly	
Baroda	
Belgaum	
Bellary	
Bengaluru	
Bhatinda	
Bhaunagar	
Bhiwani	
Bhopal	
Bhubaneswar	
Bhuj	
Bidar	
Bikaner	
Bilaspur	
Bokaro	
Calicut	

© 2023 Mapbox © OpenStreetMap

 Data Source	Airports within a country	Number of Airports	Higher altitude within a country	Higher altitude in the world	Airlines within a country	No. of flights	 Dashboard 1	Max no. of airports	 Dashboard 2			
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149 marks 1 row by 1 column SUM of AVG(Longitude): 11.900.94



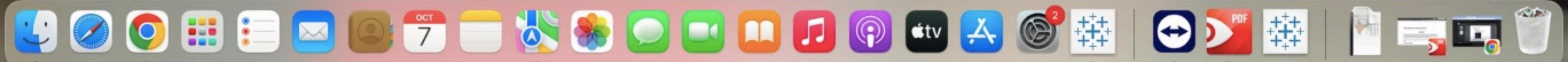
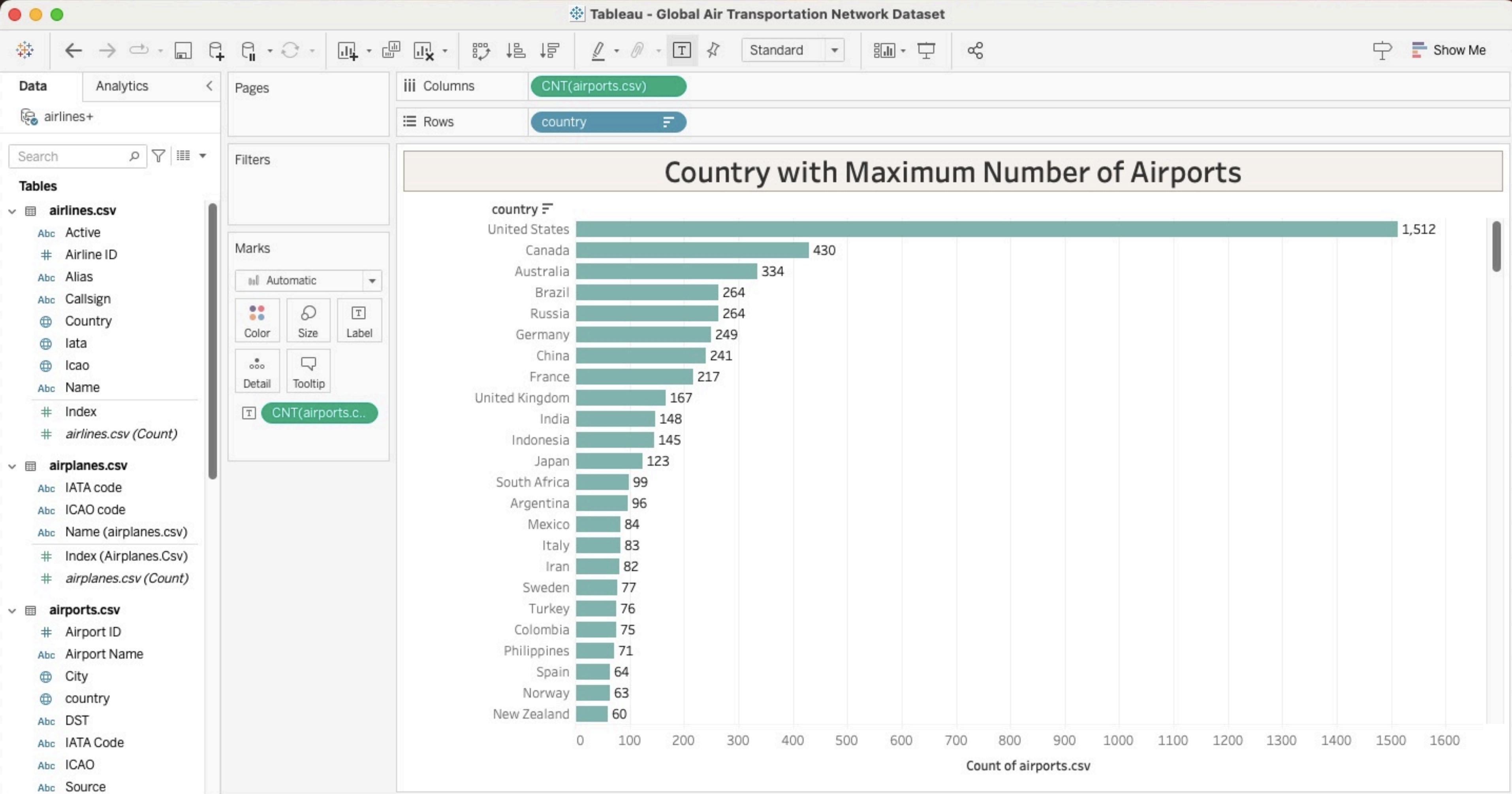


Tableau - Global Air Transportation Network Dataset

## Airlines within a Country

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

Active

- (All)
- N
- Y

Country

Denmark

Active

- Y

Country

Denmark

**Number of Airlines**

**32**

**Dashboard** **Layout**

**Default**

**Phone**

**Device Preview**

**Size**

Desktop Browser (1000 x 800)

**Sheets**

- Airports within a ...
- Number of Airports
- Higher altitude ...
- Higher altitude in ...
- Airlines within a ...
- No. of flights
- Max no. of airports

**Objects**

- Horizontal Container
- Vertical Container
- Text
- Extension
- Ask Data
- Data Story
- Image
- Blank
- Workflow
- Web Page

**Tiled** **Floating**

Show dashboard title

■ Data Source ■ Airports within a country ■ Number of Airports ■ Higher altitude within a country ■ Higher altitude in the world ■ Airlines within a country ■ No. of flights ■ Dashboard 1 ■ Max no. of airports ■ **Dashboard 2** ■  



### Tableau - Global Air Transportation Network Dataset

Dashboard Layout < Default Phone Device Preview

Size Desktop Browser (1000 x 800)

Sheets

- Airports within a country
- Number of Airports
- Higher altitude ...
- Higher altitude in the world
- Airlines within a country
- No. of flights
- Max no. of airports

Objects

- Horizontal Container
- Vertical Container
- Text
- Extension
- Ask Data
- Data Story
- Image
- Blank
- Workflow
- Web Page

Tiled Floating

Show dashboard title

## Airports at Higher Altitude within a Country

Index no.	Airport Name	City	ICAO	
1	Vagar Airport	Vagar	EKVG	280
2	Tórshavn/Bodanes Heliport	Torshavn	EKTB	68
3	Stóra Dímun Heliport	Stora Dimun	EKSR	305

country  
Faroe Islands

## Airports at Higher Altitude in the World

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 Airport	La Paz	SLLP	13,355
Golog Maqin Airport	Golog	ZLGL	12,426
Inca Manco Capac International Airport	Julianca	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

Tableau - Global Air Transportation Network Dataset

**Country with Maximum Number of Airports**

country

country	Number of Airports
United States	1,512
Canada	430
Australia	334
Brazil	264
Russia	264
Germany	249
China	241
France	217
United Kingdom	167
India	148
Indonesia	145
Japan	123
South Africa	99
Argentina	96
Mexico	84
Italy	83
Iran	82
Sweden	77
Turkey	76
Colombia	75
Philippines	71
Spain	64
Norway	63
New Zealand	60
Venezuela	57
Greenland	56
Greece	55
Pakistan	54
Finland	51

**Number of Flights from Airport**

Sourc..

Airport	Number of Flights
ATL	915
ORD	558
PEK	535
LHR	527
CDG	524
FRA	497
LAX	492
DFW	469
JFK	456
AMS	453
PVG	411
SIN	408
BCN	391
ICN	370
MUC	368
MIA	368
DEN	361
IST	358
LGW	356
DXB	356
HKG	355
CAN	338
FCO	331
MAD	330
BKK	326
DME	324
CTU	324
YYZ	319
MAN	316
BRU	316

**Dashboard** **Layout** **Show Me**

**Default** **Phone** **Device Preview**

**Size** Desktop Browser (1000 x 800)

**Sheets**

- Airports within a country
- Number of Airports
- Higher altitude in the world
- Higher altitude in a country
- Airlines within a country
- No. of flights
- Max no. of airports

**Objects**

- Horizontal Container
- Vertical Container
- Text
- Extension
- Ask Data
- Data Story
- Image
- Blank
- Workflow
- Web Page

**Tiled** **Floating**

Show dashboard title

□ Data Source □ within a country □ Higher altitude in the world □ Airlines within a country □ No. of flights □ Dashboard 1 □ Max no. of airports □ Dashboard 2 □ Dashboard 3 □ **Dashboard 4** □ No. of airlines □ Story 1 □   

Tableau - Global Air Transportation Network Dataset

Data Analytics < Pages Columns Rows Entire View

airlines+ Search

Tables

airlines.csv

- Abc Active
- # Airline ID
- Abc Alias
- Abc Callsign
- 🌐 Country
- 🌐 Iata
- 🌐 Icao
- Abc Name
- # Index
- # airlines.csv (Count)

airplanes.csv

- Abc IATA code
- Abc ICAO code
- Abc Name (airplanes.csv)
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- # airplanes.csv (Count)

airports.csv

- # Airport ID
- Abc Airport Name
- 🌐 City
- 🌐 country
- Abc DST
- Abc IATA Code
- Abc ICAO
- Abc Source

Number of Airlines

Country Denmark

Marks

- Automatic
- Color
- Size
- Text
- Detail
- Tooltip

CNT(routes.csv)

32



Tableau - Global Air Transportation Network Dataset

# Global Air Transportation Network

New story point

Blank Duplicate

World Map showing Countries with details of Airports.

Table showing Airports which are at Highest Altitude in the world and within the Country.

Table showing List of all Airlines within the Country.

Bar Graphs showing Countries with Max no. of Airports & no. of Flights from Airports.

Airports within a ...

Number of Airports

Higher altitude with...

Higher altitude in t...

Airlines within a ...

No. of flights

Dashboard 1

Max no. of airports

Dashboard 2

Dashboard 3

Dashboard 4

No. of airlines

**Airports within a Country**

country

India

country

India

**Number of Airports**

**148**

**City**

Null	Bareilly
Adampur	Baroda
Agartala	Belgaum
Agatti Island	Bellary
Agra	Bengaluru
Ahmedabad	Bhatinda
Aizwal	Bhaunagar
Ajmer	Bhiwani
Akola	Bhopal
Allahabad	Bhubaneswar

A Drag to add text

Show title

Size

Story (1016 x 964)

Data Source within a country Higher altitude in the world Airlines within a country No. of flights Dashboard 1 Max no. of airports Dashboard 2 Dashboard 3 Dashboard 4 No. of airlines Story 1

Tableau - Global Air Transportation Network Dataset

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Airports within a ...

Number of Airports

Higher altitude with...

Higher altitude in t...

Airlines within a ...

No. of flights

Dashboard 1

Max no. of airports

Dashboard 2

Dashboard 3

Dashboard 4

No. of airlines

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country  
Faroe Islands

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Inca Manco Capac International Airport	Juliaca	SPJL	12,552
Kangding Airport	Kangding	ZUKD	14,042

A Drag to add text

Show title

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3366	Maersk	Null	Null
4776	Sterling Airlines	SNB	STERLING
11856	Transavia Denmark	TDK	Null
17115	Copenhagen Express	CX0	Copex

Active (All)  N  Y

Country Denmark

Active Y

Country Denmark

**Number of Airlines**

32

A Drag to add text

Show title

Size

Story (1016 x 964)

Data Source within a country Higher altitude in the world Airlines within a country No. of flights Dashboard 1 Max no. of airports Dashboard 2 Dashboard 3 Dashboard 4 No. of airlines Story 1

Tableau - Global Air Transportation Network Dataset

# Global Air Transportation Network

New story point

Blank Duplicate

Airports within a ... Number of Airports Higher altitude with... Higher altitude in t... Airlines within a ... No. of flights Dashboard 1 Max no. of airports Dashboard 2 Dashboard 3 Dashboard 4 No. of airlines

Drag to add text

Show title

Size Story (1016 x 964)

Within a country Higher altitude in the world Airlines within a country No. of flights Dashboard 1 Max no. of airports Dashboard 2 Dashboard 3 Dashboard 4 No. of airlines Story 1

World Map showing Countries with details of Airports.

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## Country with Maximum Number of Airports

country

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Russia	264
Germany	249
China	241
France	217
United Kingdom	167
India	148
Indonesia	145
Japan	123
South Africa	99
Argentina	96
Mexico	84
Italy	83
Iran	82
Sweden	77
Turkey	76
Colombia	75
Philippines	71

## Number of Flights from Airport

Sourc...

Airport	Number of Flights
ATL	915
ORD	558
PEK	535
LHR	527
CDG	524
FRA	497
LAX	492
DFW	469
JFK	456
AMS	453
PVG	411
SIN	408
BCN	391
ICN	370
MUC	368
MIA	368
DEN	361
IST	358
LGW	356
DXB	356
HKG	355
CAN	338
FCO	331