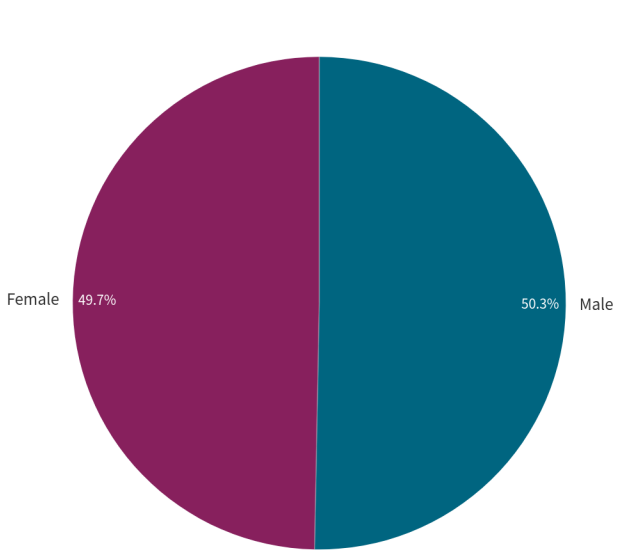
KPIs, Pie and Donut Chart Dashboard

Total Passengers

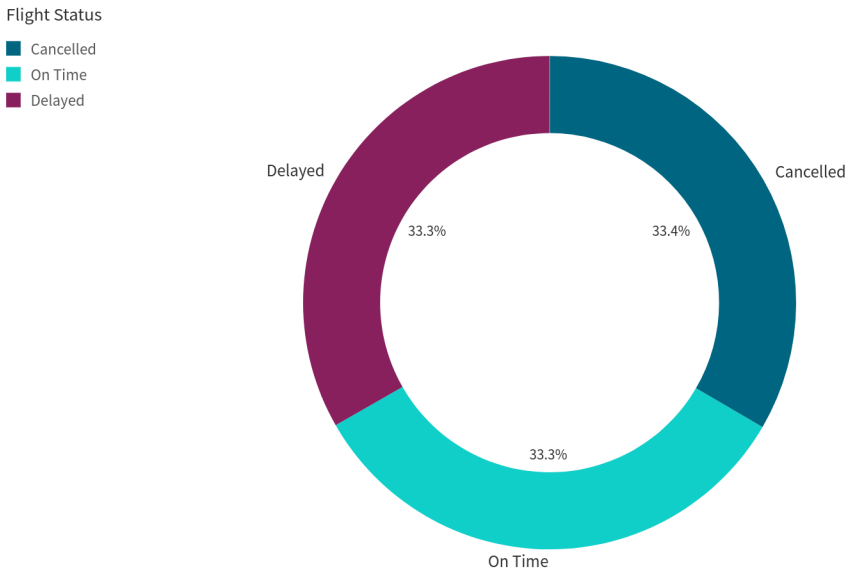
No. of Passengers

97.74k

Proportion of Female to Male Passengers



Distribution of Passengers in each Flight Status Category



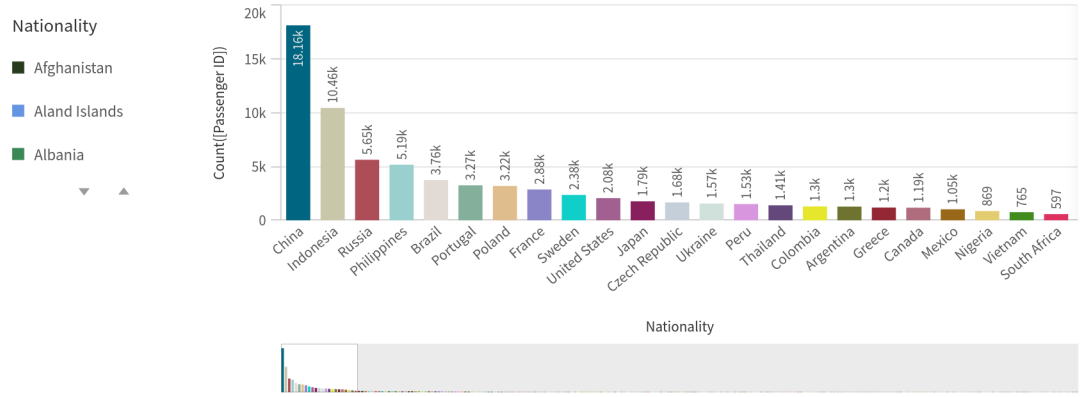
Average Age

Average Age of Passengers

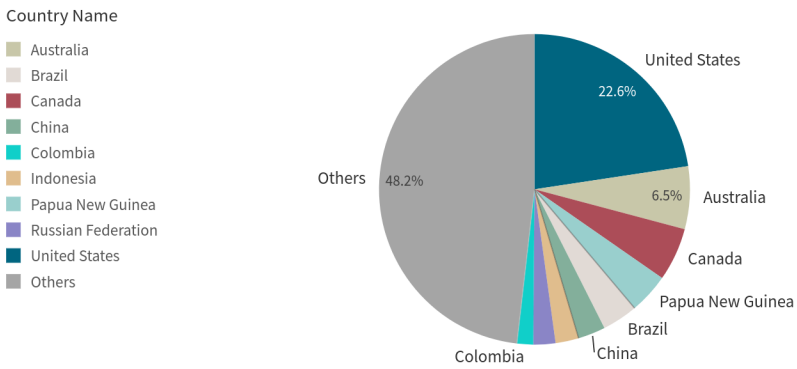
45.51

Distribution of Passengers based on Attributes Dashboard

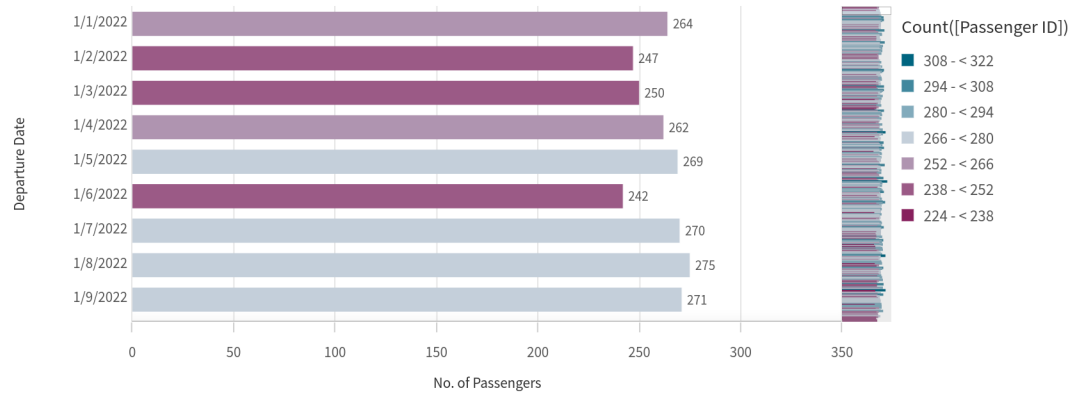
No. of Passengers from each Nationality



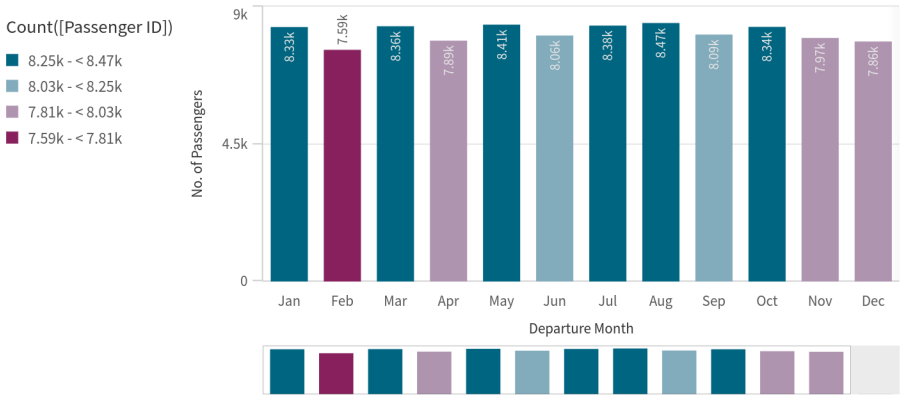
No. of Passengers from each Country



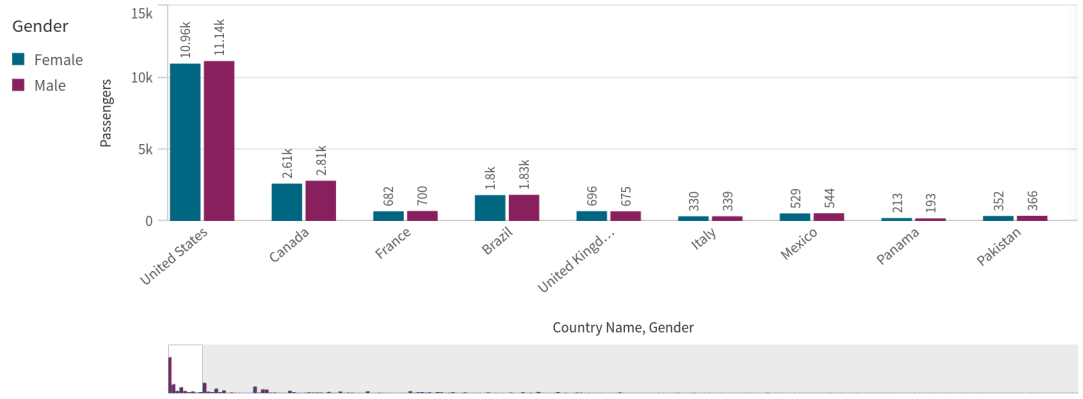
No. of Passengers Departed Date-wise



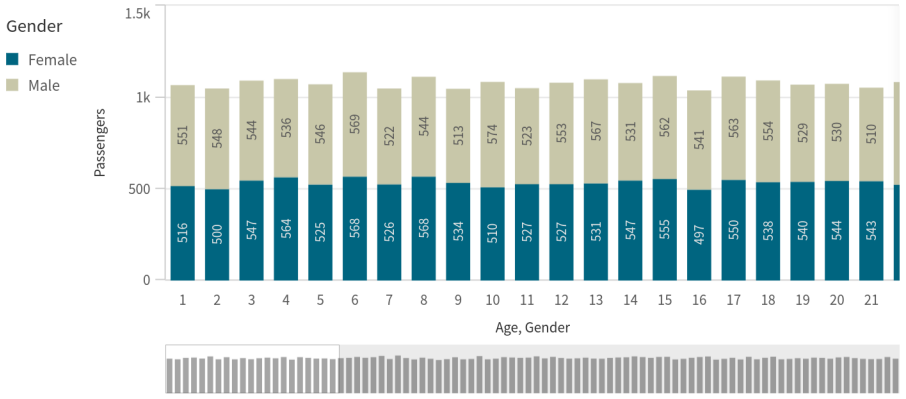
Passenger Departures per Month



Ratio of Female to Male Passengers from each Country



Ratio of Female to Male Passengers based on Age

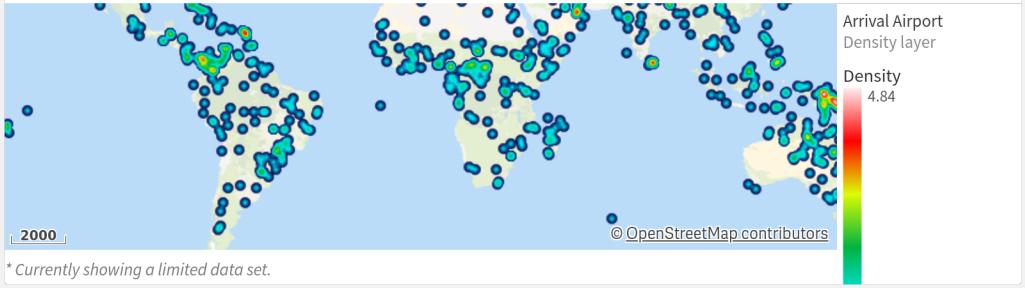


Airport Distribution and Flight Status Dashboard

Departure Airports around the World *

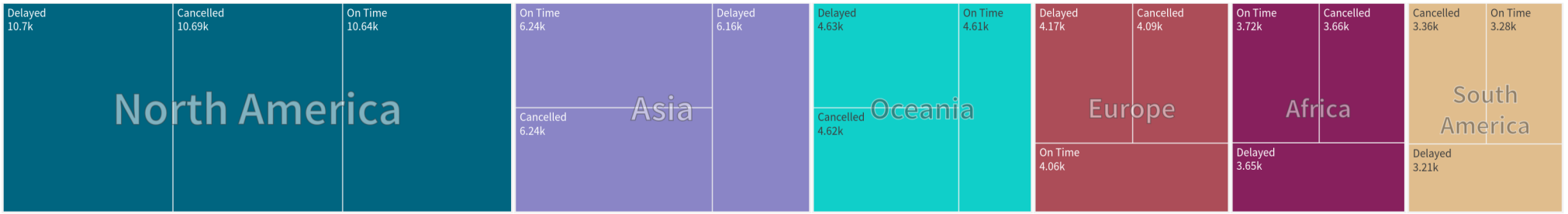
*Currently showing a limited data set.

Arrival Airports Density Distribution around the World *



*Currently showing a limited data set.

Continent-Wise Flight Status

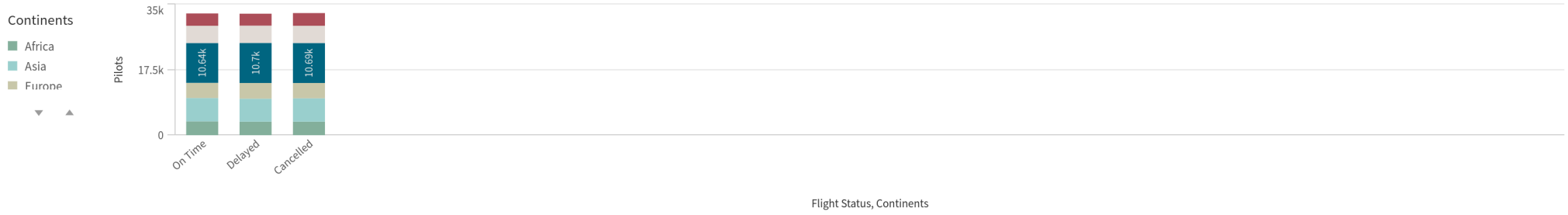


Count of Passengers Departing Monthly from each Country

Country Name | Departure Month

	No. of Passengers
Afghanistan	**372**
Jan	38
Feb	23
Mar	33
Apr	32
May	30
Jun	29

Status of Flights in each Continent involved in the Flight Route



Synthetic Silk Airline Data Analysis

KPIs

Total Passengers

No. of Passengers

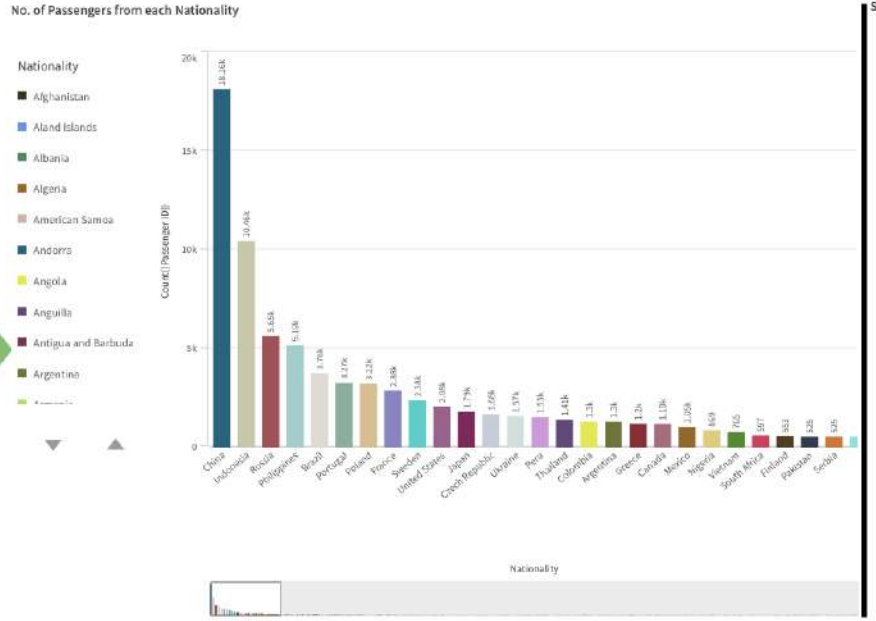
97.74k

Average Age

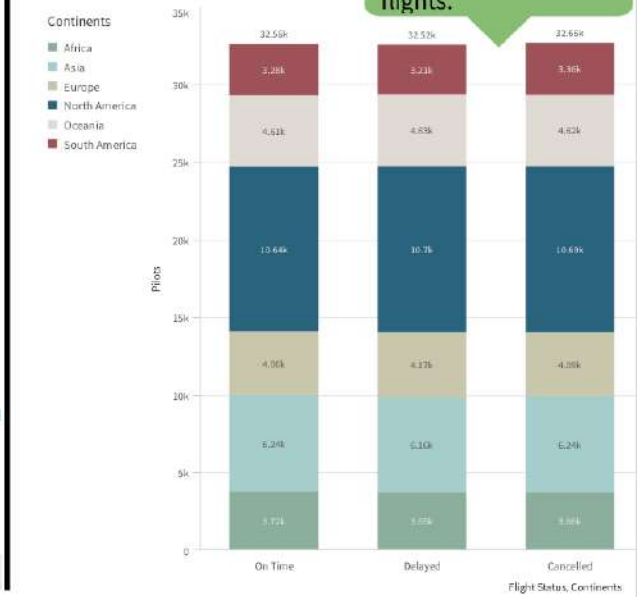
Average Age of Passengers

45.51

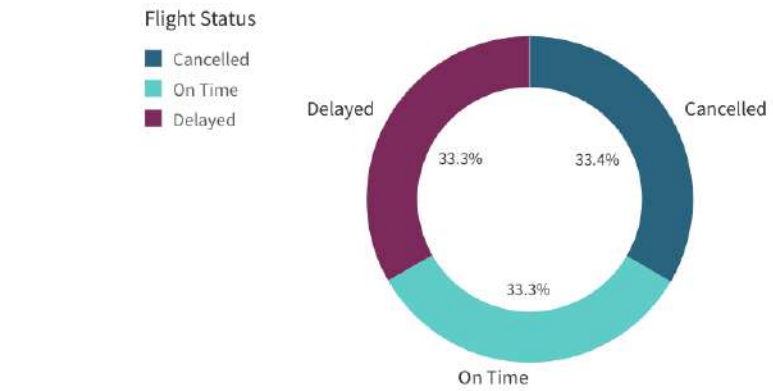
The most number of passengers belong to the nationality China, followed by Indonesia and Russia.

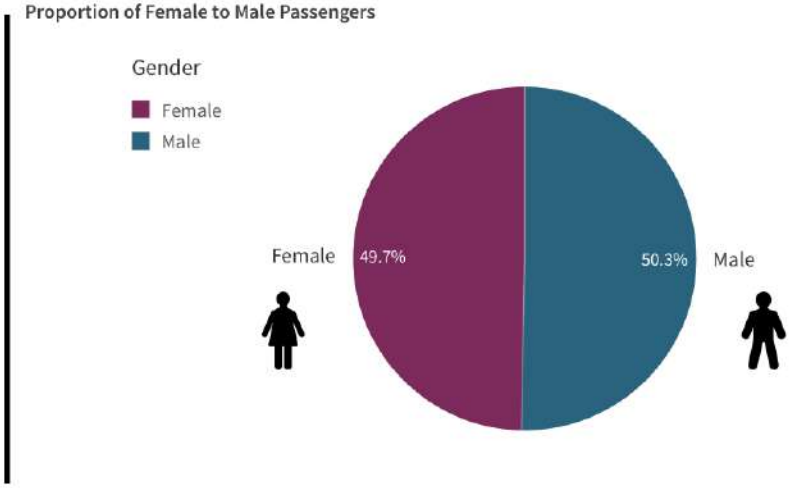


N.America in the route tops all categories with maximum delayed flights.

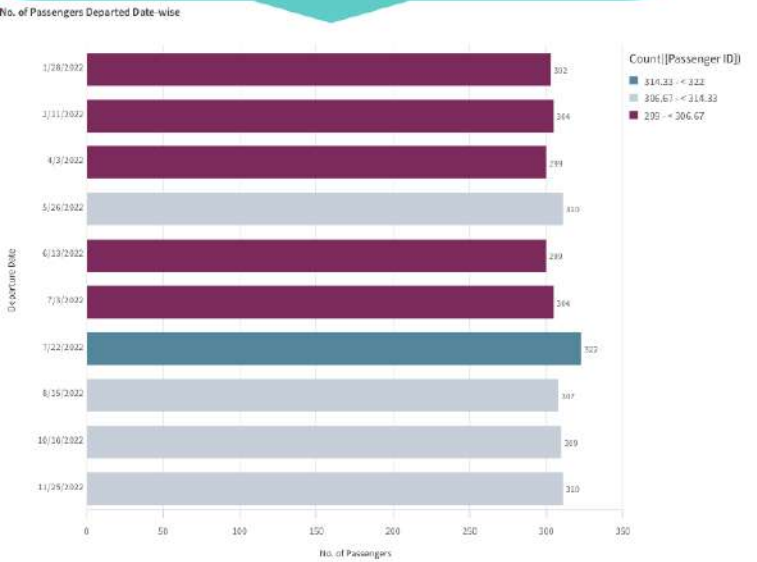


Pie- and Donut-Charts depicting Flight Status and Proportion of passengers

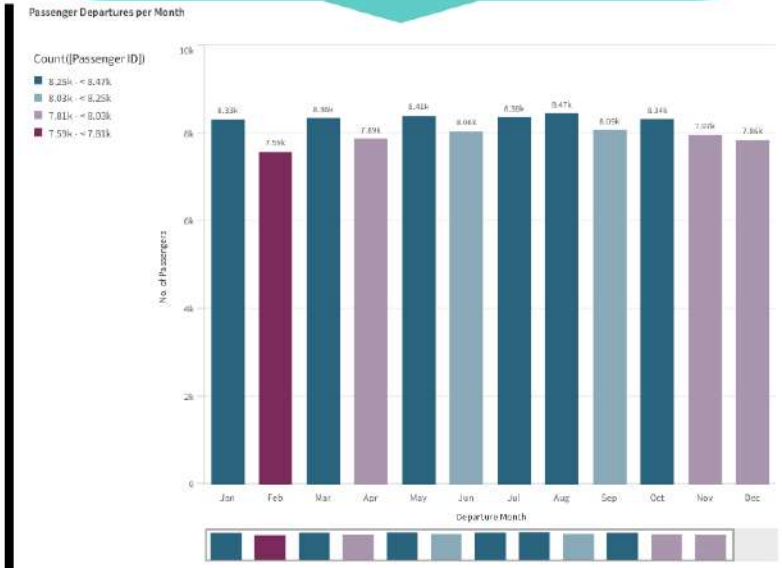




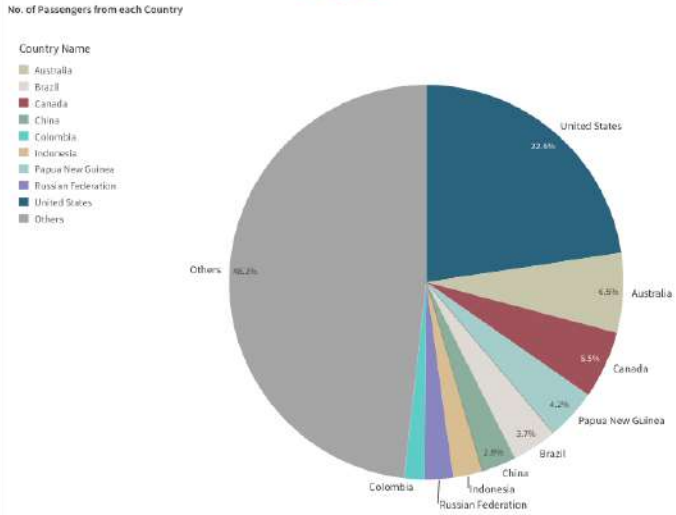
Passenger Departures on top 10 dates in Year 2022: Most passengers travelled on 22nd July.



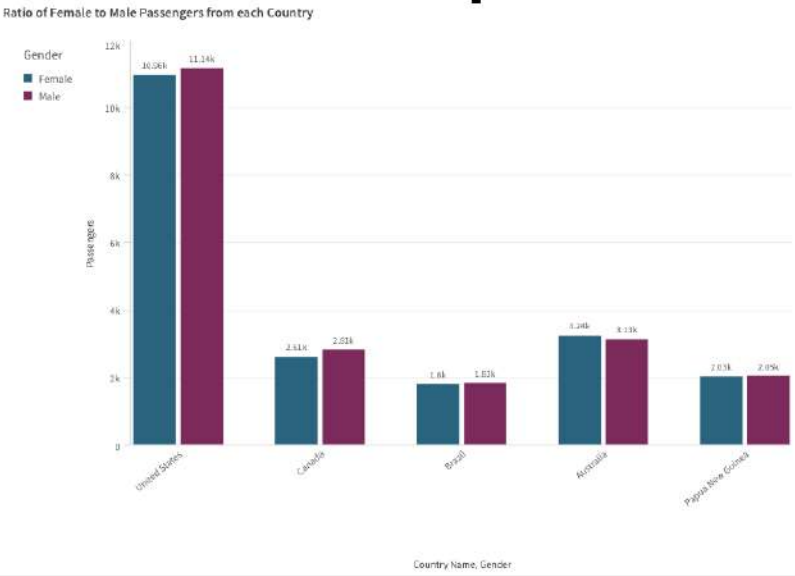
Maximum departures were observed in August and February witnessed minimum.

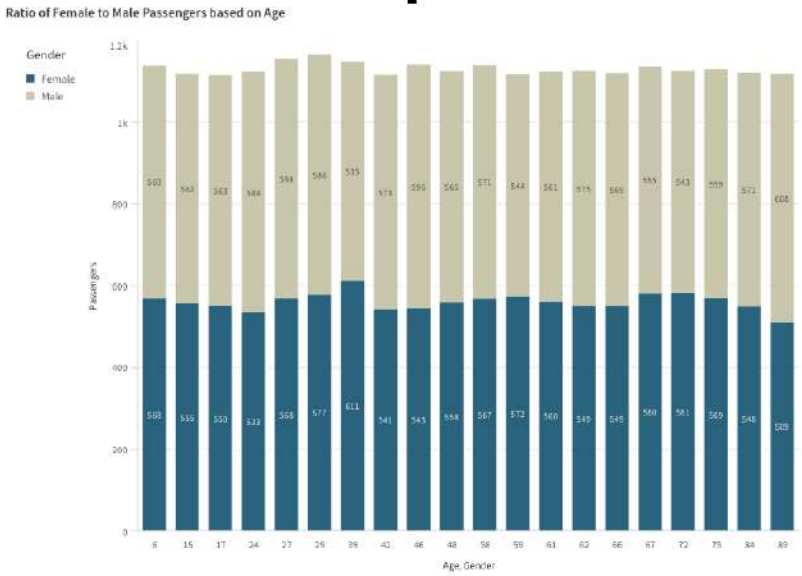


Most of the Passenger population is North American with a share of 22.6%.



Top 5 countries with most number of passengers displaying a count of female and male passengers respectively.



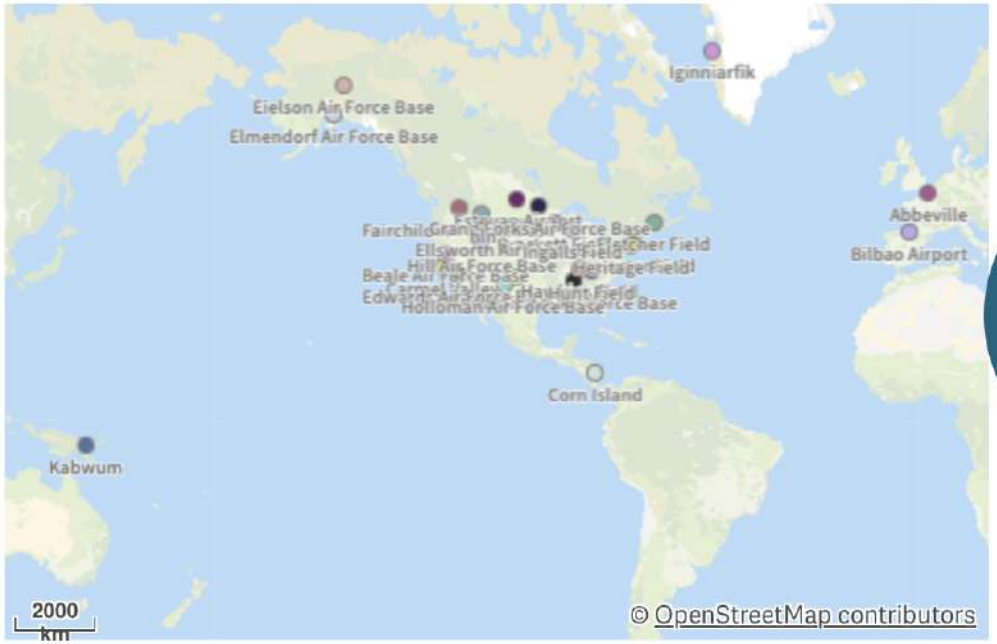


Ratio of female to male passengers according to Top 20 ages (Age 1-90). People of age 29 travelled the most; Six year olds and 89 year olds depict the extremes in age groups.

North America contains airports where maximum departures took place with others situated in Europe and New Zealand.

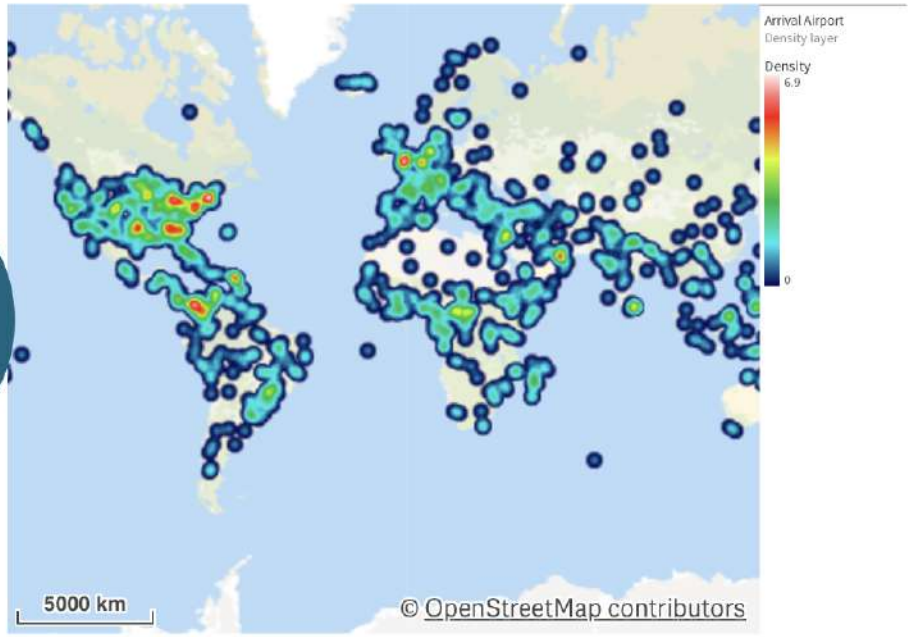
Density Distribution representing the airports around the world where people travelled to the most in red colour.

Departure Airports around the World *



* Currently showing a limited data set.

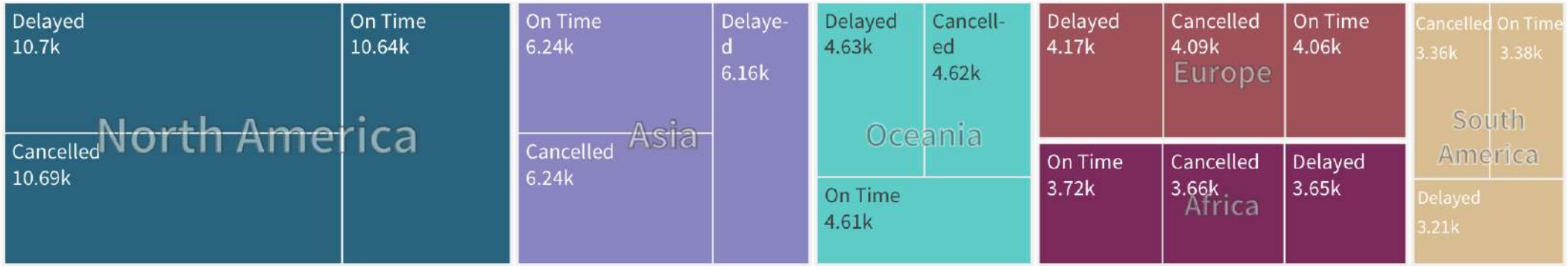
Arrival Airports Density Distribution around the World *



* Currently showing a limited data set.

Continent-Wise Flight Status

Treemap depicting the flight status in individual continents indicating the most flight routes are through North America.



Sections | History | Data sources | Debug | Preview data | Load data

Sections

- Main
- Auto-generated section
- Auto-generated section

```
// Load the Arrival Airport field separately
ArrivalAirports:
LOAD [Arrival Airport]
FROM [lib://DataFiles/Airline Dataset.csv]
(txt, utf8, embedded labels, delimiter is ',', msq)
WHERE [Arrival Airport] <> '' AND NOT IsNull([Arrival Airport]);

// Load the rest of the dataset and apply transformations
[Airline Dataset]:
LOAD
    [Passenger ID],
    [First Name],
    [Last Name],
    [Gender],
    [Age],
    [Nationality],
    [Airport Name],
    [Airport Country Code],
    [Country Name],
    [Airport Continent],
    [Continents],
    [Departure Date],
    [Pilot Name],
    [Flight Status],
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    APPLYMAP('__countryCodeIsoTwo2Polygon', UPPER([Airport Country Code]), '-') AS [Airline Dataset.A
    APPLYMAP('__countryCodeIsoThree2Polygon', APPLYMAP('__countryName2IsoThree', LOWER([Country Name]
FROM [lib://DataFiles/Airline Dataset.csv]
(txt, utf8, embedded labels, delimiter is ',', msq)
WHERE [Arrival Airport] <> '' AND NOT IsNull([Arrival Airport]);
```

Add data

Add from data catalog

Data connections

Create new connection

Personal

Search

DataFiles

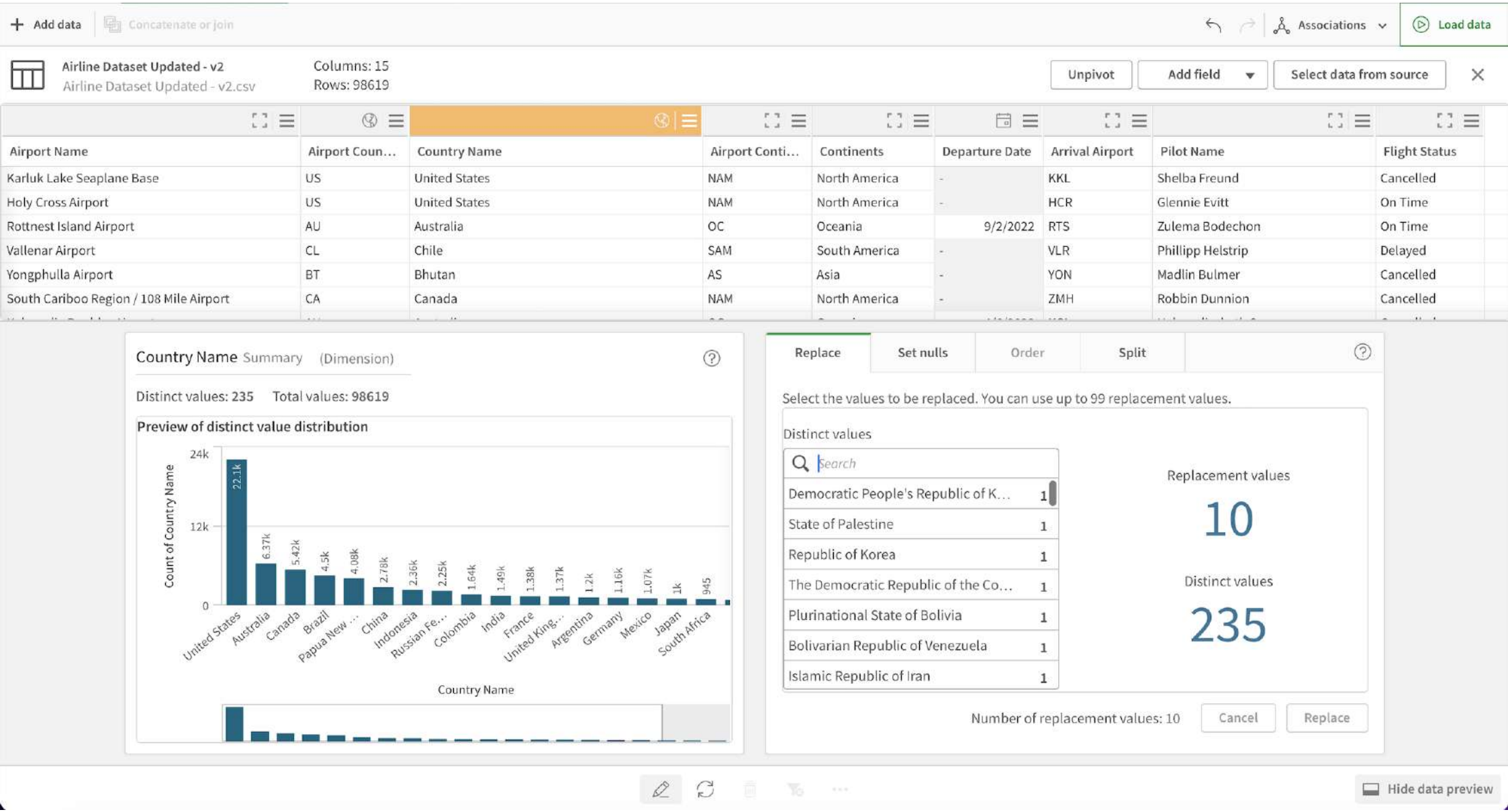
Folder

Preview | Airline Dataset Updated - v2 | Output

Total number of rows: 98619

Airlin…	Airlin…	Airlin…	Airlin…	Airlin…	Airlin…	Airlin…	Airlin…	Airlin…	Airlin…	Airlin…	Airlin…	Airlin…
ABVWIg	Edithe	Leggis	Female	62	Japan	Coldfoot Airport	US	United States	NAM	North America	-	CXF
jkXXAX	Elwood	Catt	Male	62	Nicaragua	Kugluktuk Airp…	CA	Canada	NAM	North America	-	YCO
CdUz2g	Darby	Felgate	Male	67	Russia	Grenoble-Isère	FR	France	EU	Europe	-	GNB

Rows per page: 100 | Select page: 1 | 1 - 100 of 98619


Add data
Concatenate or join
Associations
Load data
Airline Dataset Updated - v2
Airline Dataset Updated - v2.csv
Columns: 15
Rows: 98619
Unpivot
Add field
Select data from source
Airport Name
Airport Coun...
Country Name
Airport Conti...
Continents
Departure Date
Arrival Airport
Pilot Name
Flight Status
Karluk Lake Seaplane Base US United States NAM North America - KKL Shelba Freund Cancelled
Holy Cross Airport US United States NAM North America - HCR Glennie Evitt On Time
Rottnest Island Airport AU Australia OC Oceania 9/2/2022 RTS Zulema Bodechon On Time
Vallenar Airport CL Chile SAM South America - VLR Phillipp Helstrip Delayed
Yongphulla Airport BT Bhutan AS Asia - YON Madlin Bulmer Cancelled
South Cariboo Region / 108 Mile Airport CA Canada NAM North America - ZMH Robbin Dunnion Cancelled
Country Name Summary (Dimension)
Distinct values: 235 Total values: 98619
Preview of distinct value distribution
Count of Country Name
24k
12k
0
22.1k
6.37k
5.42k
4.5k
4.08k
2.78k
2.36k
2.25k
1.64k
1.49k
1.38k
1.37k
1.2k
1.16k
1.07k
1k
945
United States
Australia
Canada
Brazil
Papua New ...
China
Indonesia
Russian Fe...
Colombia
India
France
United King...
Argentina
Germany
Mexico
Japan
South Africa
Country Name
Replace
Set nulls
Order
Split
Select the values to be replaced. You can use up to 99 replacement values.
Distinct values
Search
Democratic People's Republic of K... 1
State of Palestine 1
Republic of Korea 1
The Democratic Republic of the Co... 1
Plurinational State of Bolivia 1
Bolivarian Republic of Venezuela 1
Islamic Republic of Iran 1
Replacement values
10
Distinct values
235
Number of replacement values: 10
Cancel
Replace
Hide data preview