

Tableau DataViz Challenge - 2021

Data Visualization & Storytelling Challenge

CANDIDATE NAME:- AARADHYA KUMAR

COLLEGE:-VIT CHENNAI

MAIL-ID:- aaradhyakumar123@gmail.com

TOPIC:- TRAVEL & TOURISM

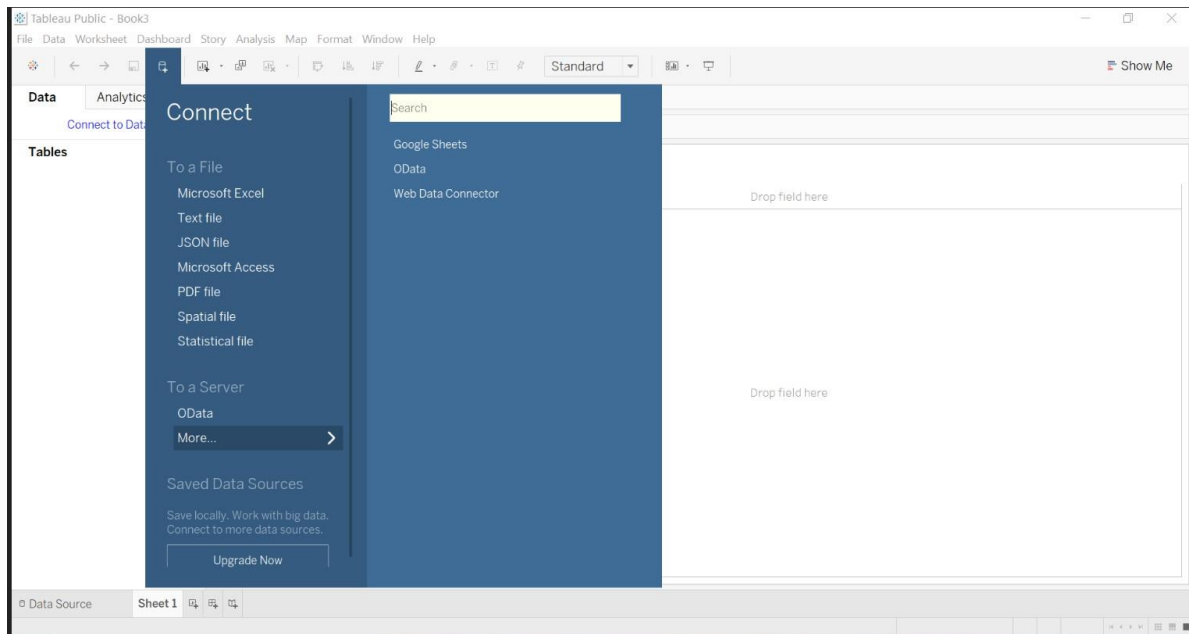
TRAVEL & TOURISM

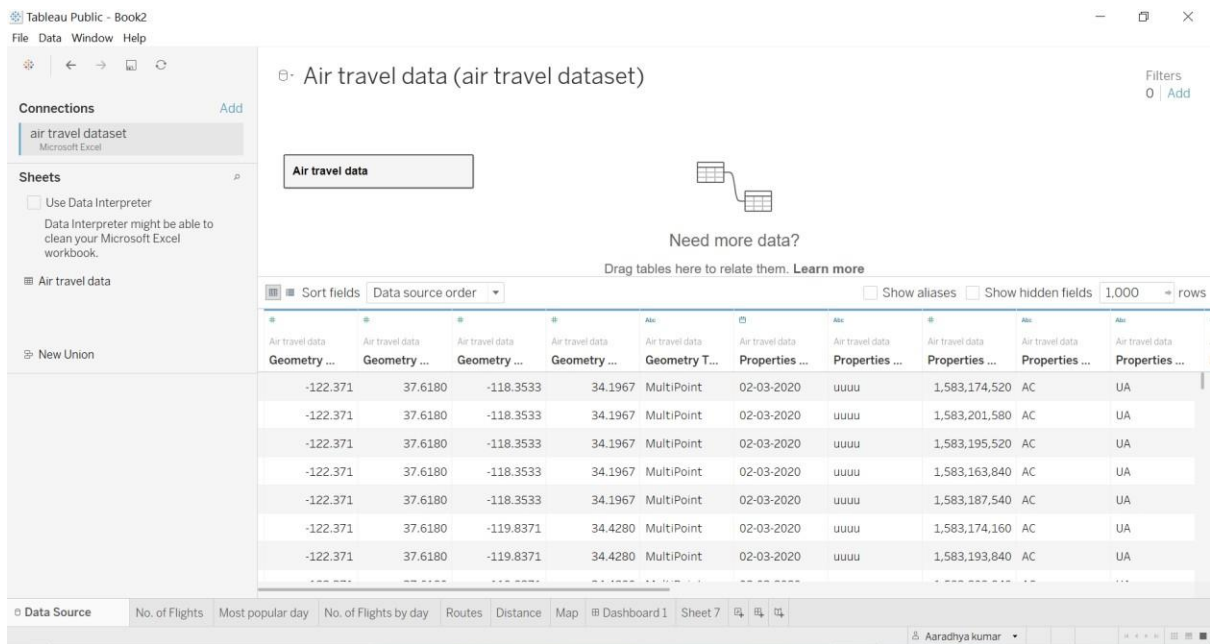
Here, I'm trying to create a dashboard using Air Traffic Dataset.

The procedure & steps for that are given as follows:-

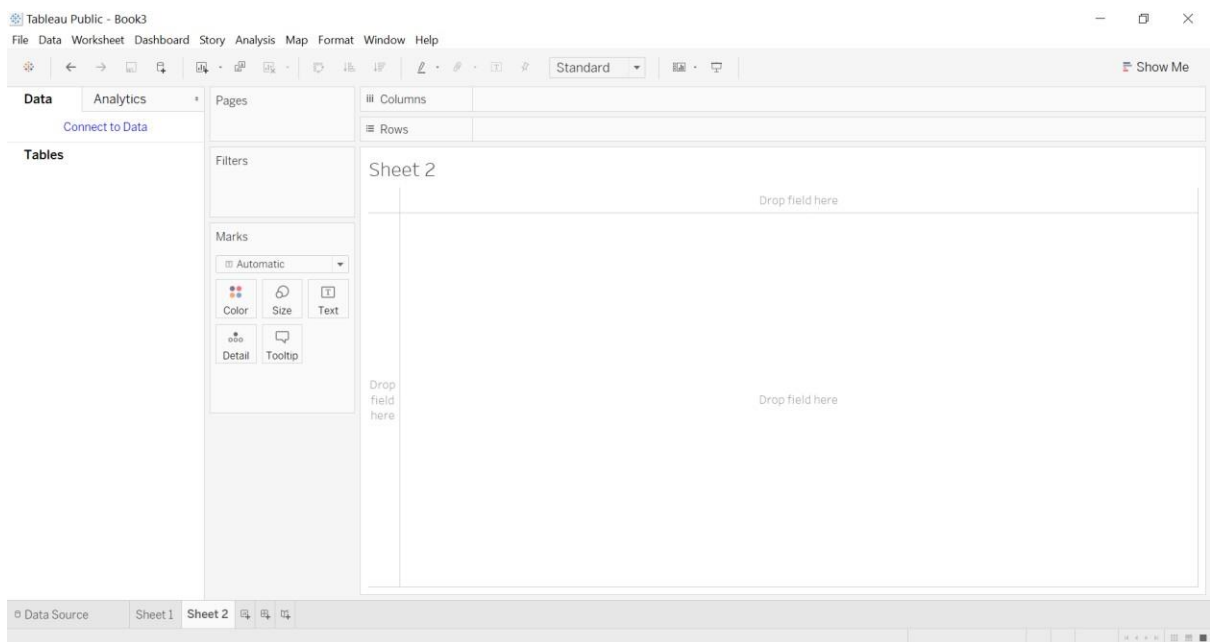
PROCEDURE:-

STEP 1:- Click on connect to data & then click on Microsoft excel to get the required Air Traffic dataset.

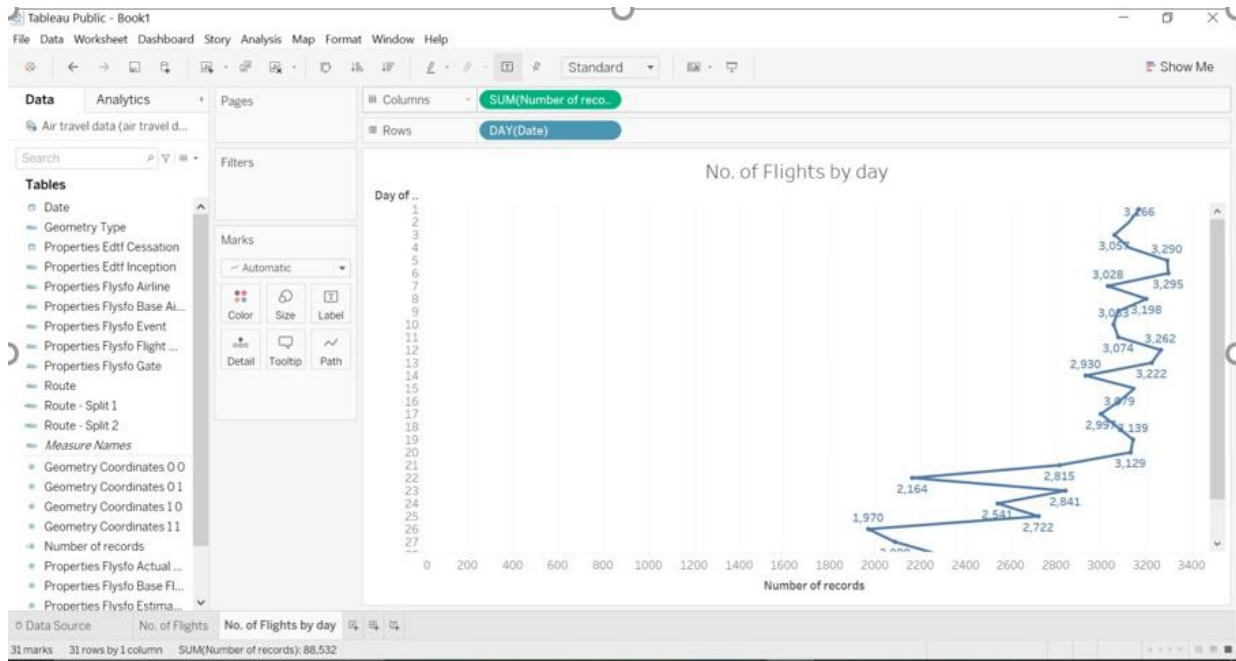




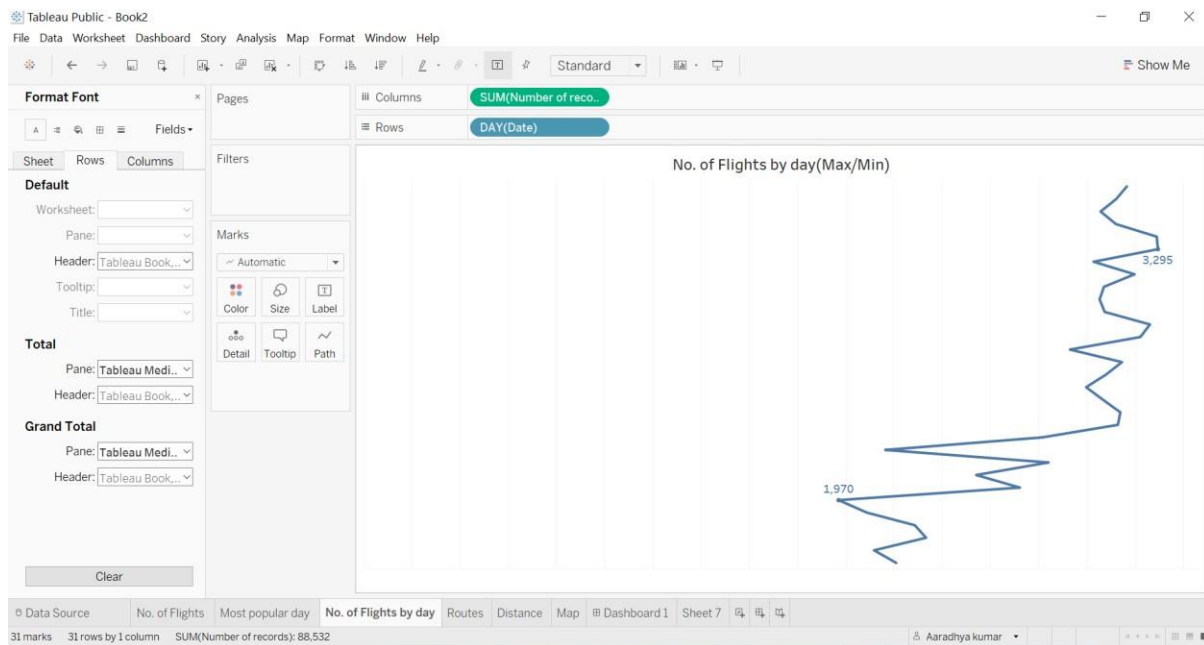
STEP 2:- Now create a new sheet by clicking on the icon present at the lower left hand corner.



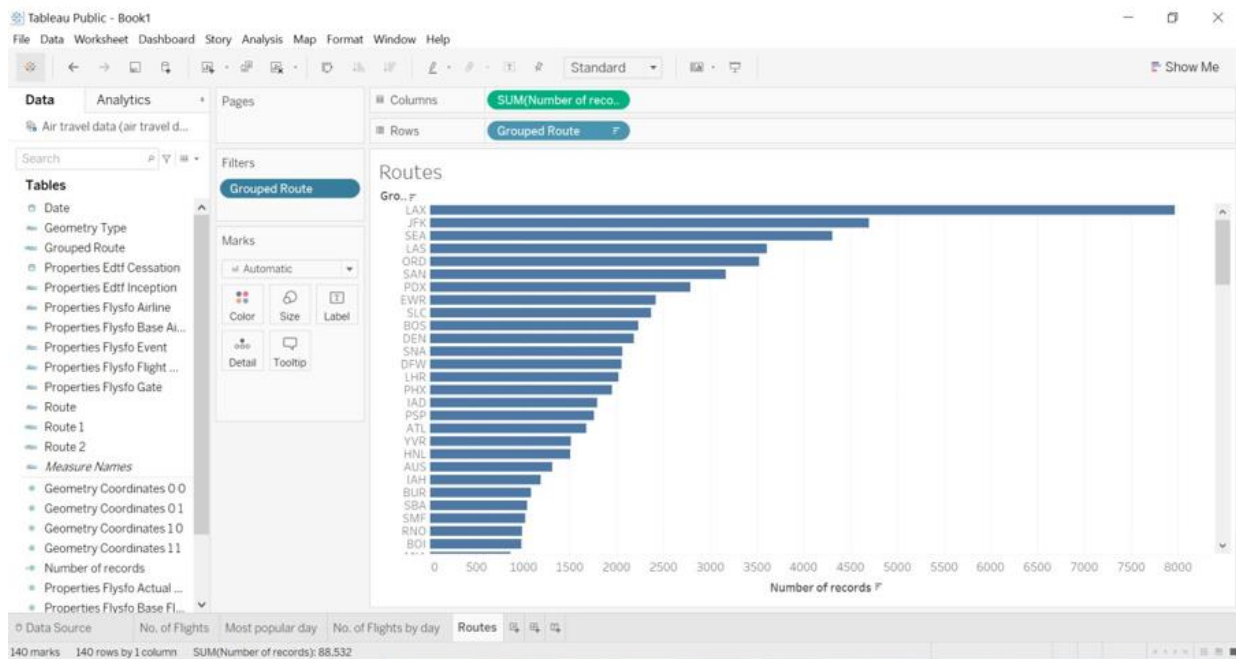
STEP 3:- Drag & Drop Date(Day) & number of records into rows & columns respectively. Then put no. of records into labels to get No. of flights by day.



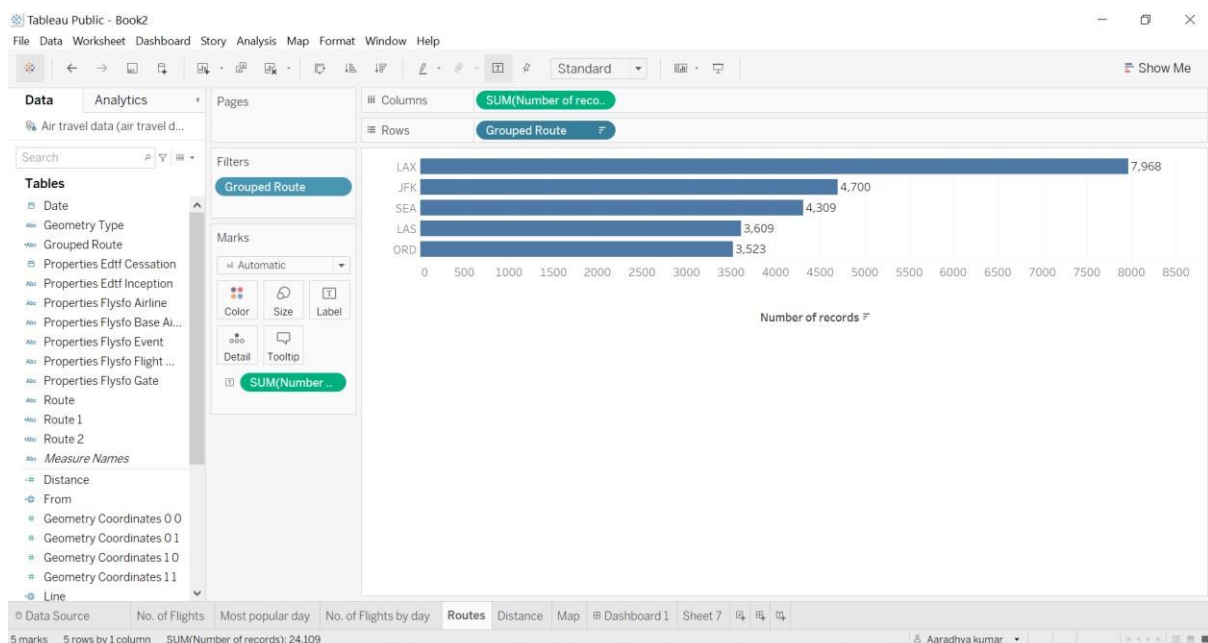
STEP 4:- Click on labels and select max/min to get maximum & minimum number of record on a particular date.



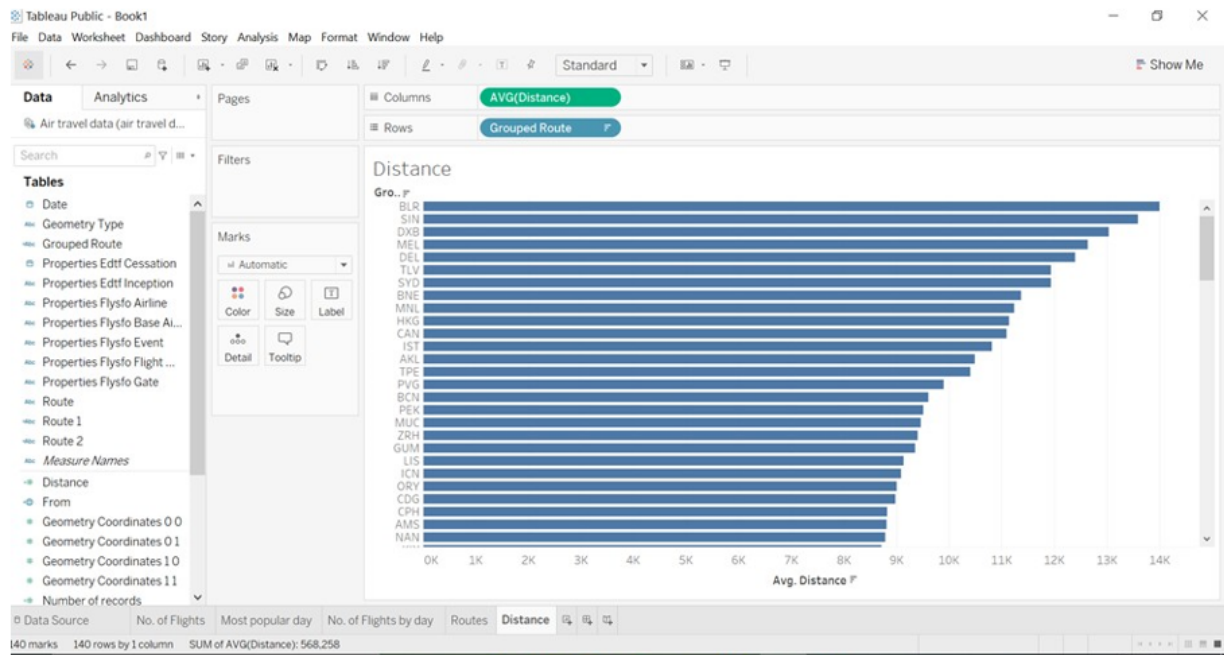
STEP 5:- Drag & drop Grouped Routes & Number of Records into rows & columns respectively. Now put no. of records into labels & grouped routes into filters.



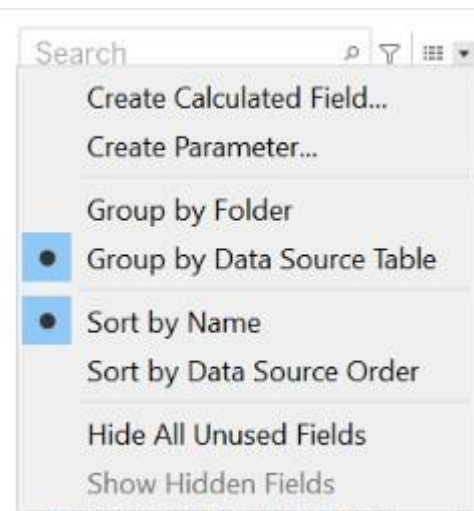
STEP 6:- Then right click on grouped routes & click on edit filter , the select Top (By field) & write 5 to get top five routes with maximum number of records.

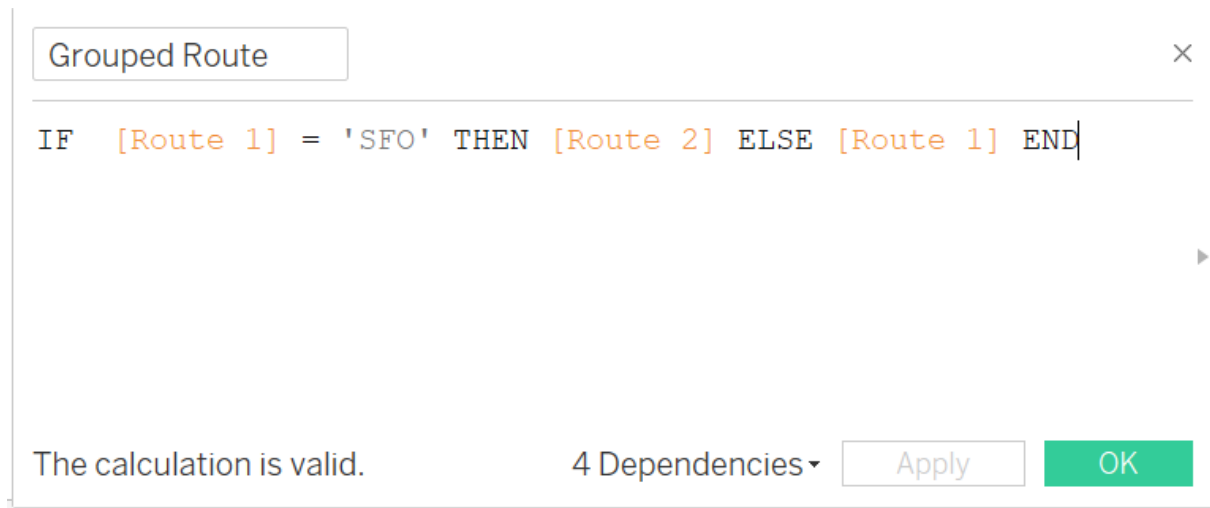


STEP 7:- Drag & drop Grouped routes & average distance into rows & columns respectively. Put average distance into labels & Grouped routes into filters. Then right click on grouped routes & click on edit filter , the select Top (By field) & write 5 to get top five average distance from San Francisco Airport.

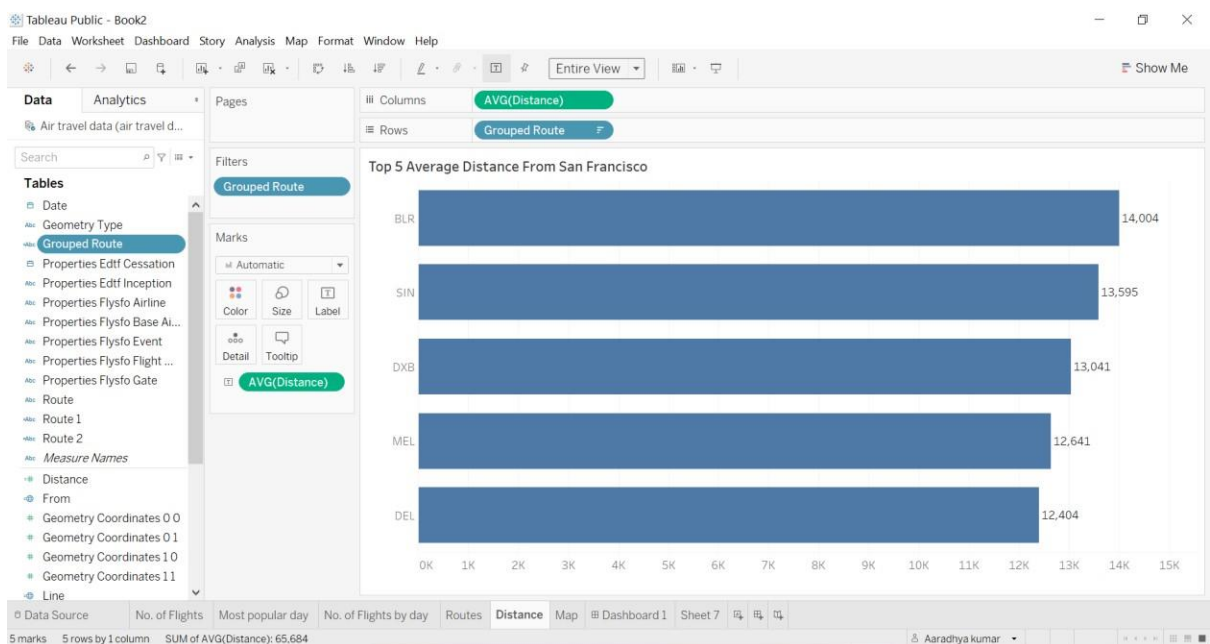


STEP 8:- Now create calculated field named Grouped route to find Top 5 avg. distances from San Francisco Airport. Now write this simple code.





STEP 9:- Put average distance into labels & Grouped routes into filters. Then right click on grouped routes & click on edit filter, the select Top (By field) & write 5 to get top five average distance from San Francisco Airport.



STEP 10:- Now create calculated field named From & To for maps.

Cr

Hide All Unused Fields

Show Hidden Fields

ta

t

e

Group by Folder

- Group by Data Source Table

Sort by Name

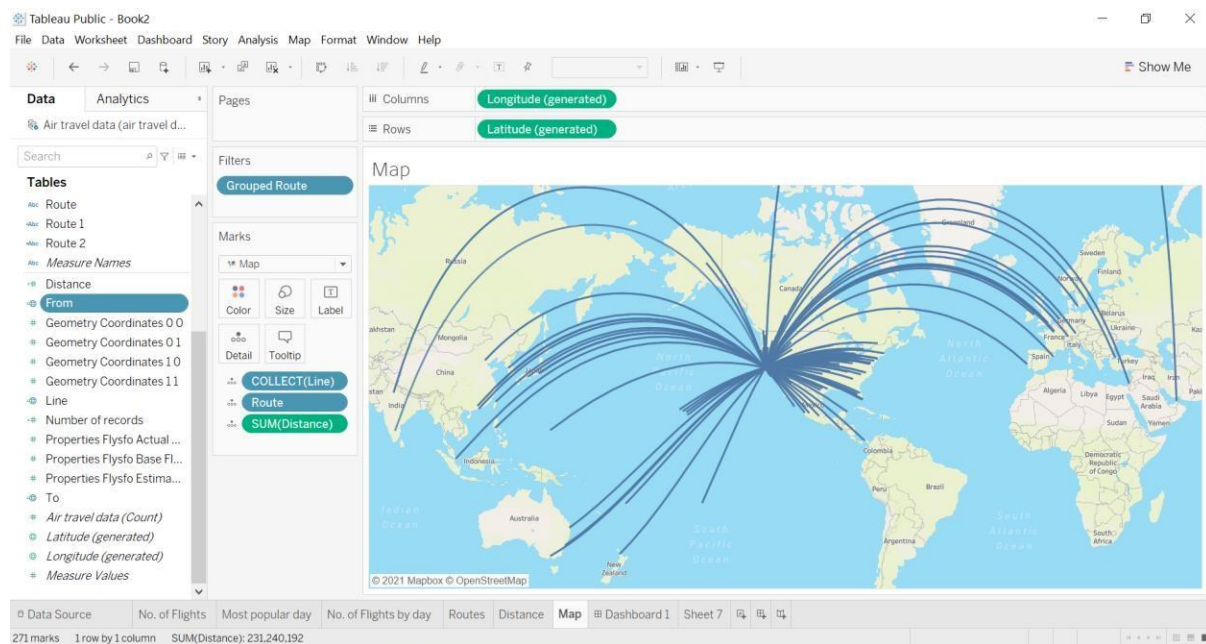
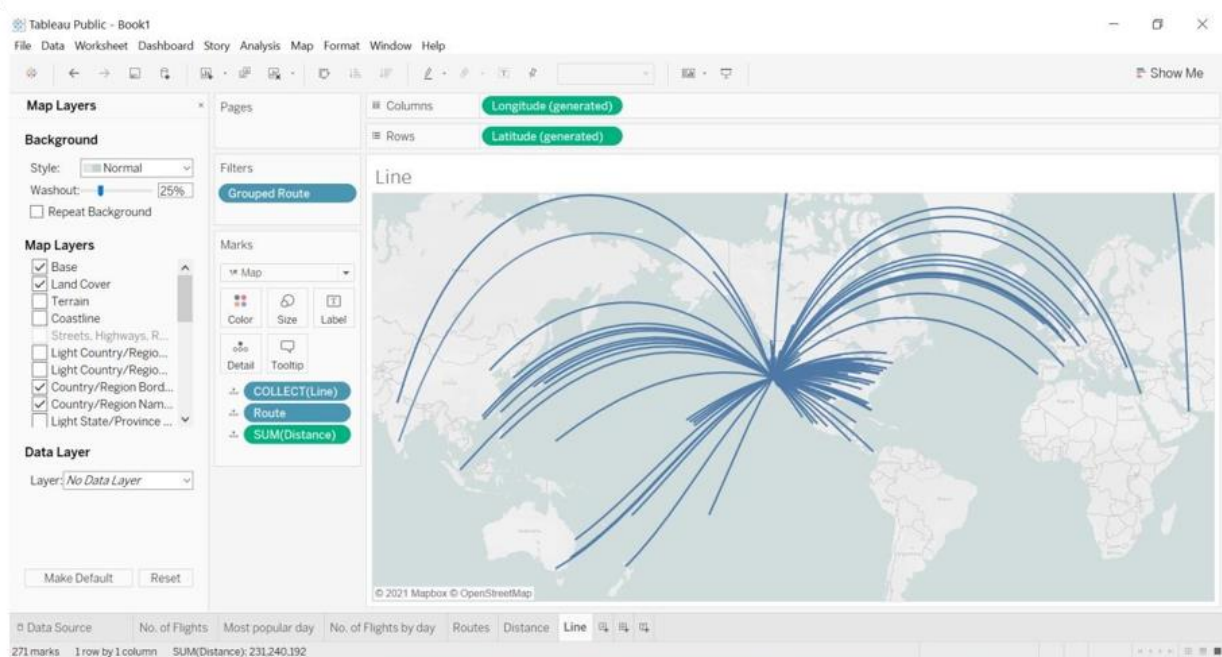
Sort by Data Source Order

Distance

Distance

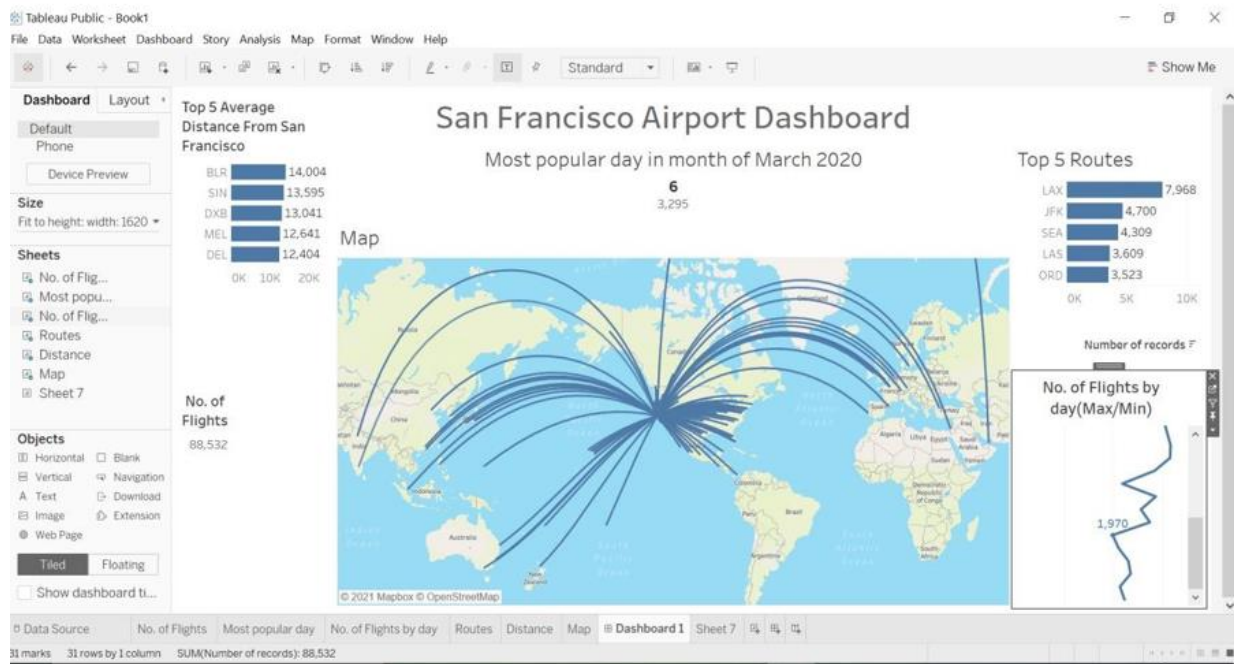
DISTANCE (' km ')

STEP 11:- Now drag & drop latitudes & longitudes into rows & columns. Now put route line & distance into Details section. Then put grouped routes into filters to get the map showing Air Traffic data at San Francisco airport.



STEP 12:- In this final step we'll combine all the previously collected data to get a simple San Francisco Airport dashboard.

OUTPUT:-



INFERENCES:-

- We got records of number of flights by day.
- Next we got maximum & minimum number of record on a particular date.
- We got top five routes with maximum number of records.
- We got top five average distance from San Francisco Airport.
- We got the map showing Air Traffic data at San Francisco airport.
- We created a simple San Francisco Airport dashboard.