

# Tableau Data Viz Challenge

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## Travels and Tourism

Number of Foreign Tourists To India

**SPS-11239-Travel-Tourism**

Submitted by:  
Chetan Prakash Khanna

# Table of Content

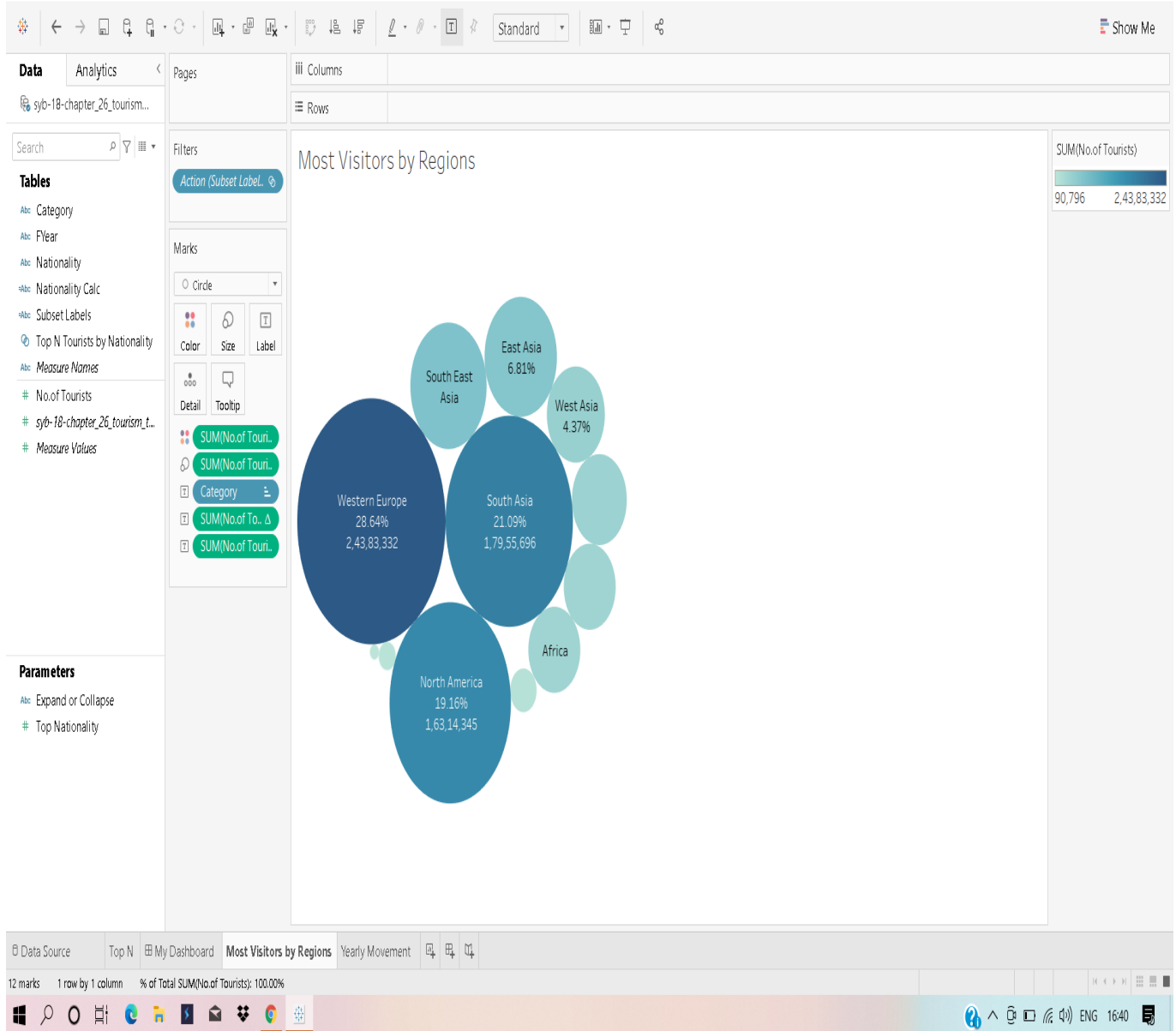
- Sheet 1- Most Visitors by Regions
- Sheet 2 -Yearly Movement
- sheet 3- Top N Tourists by Nationality
- Dashboard

## Most Visitors by Regions

Data Represents the different nationality with their ratio of percentage of Visitors from these nationalities.

where the name of nationality , percentage of the visitors to the total visitors and the total count of the visitors from that particular nation.

represented with the help of size of circle mark .



# Yearly Movement

This sheet Represents the FYear as Columns and No. of Tourists in rows as a dual axis representation in which one is represented by the bar graph and the other is represented by the line graph.

The bar graph represents the total no. of tourists visited in a particular year.

Line Graph Shows the Percentage difference of number of visitors from the previous year.

32 marks 1 row by 16 columns % Difference in SUM(No. of Tourists): 133.62%

# Top N Tourists by Nationality

This Sheet represent the no. of tourists as the columns and the top n tourists by nationality set , subset labels , natinality calc as the rows .

subset labels functions on

IF [Top N Tourists by Nationality]

THEN "Top " + STR([Top Nationality ])+" Nationality"

ELSE "Others"

END

Nationality calc :

IF [Expand or Collapse]="collapse" THEN

IF [Top N Tourists by Nationality]

THEN [Nationality]

ELSE "Others"

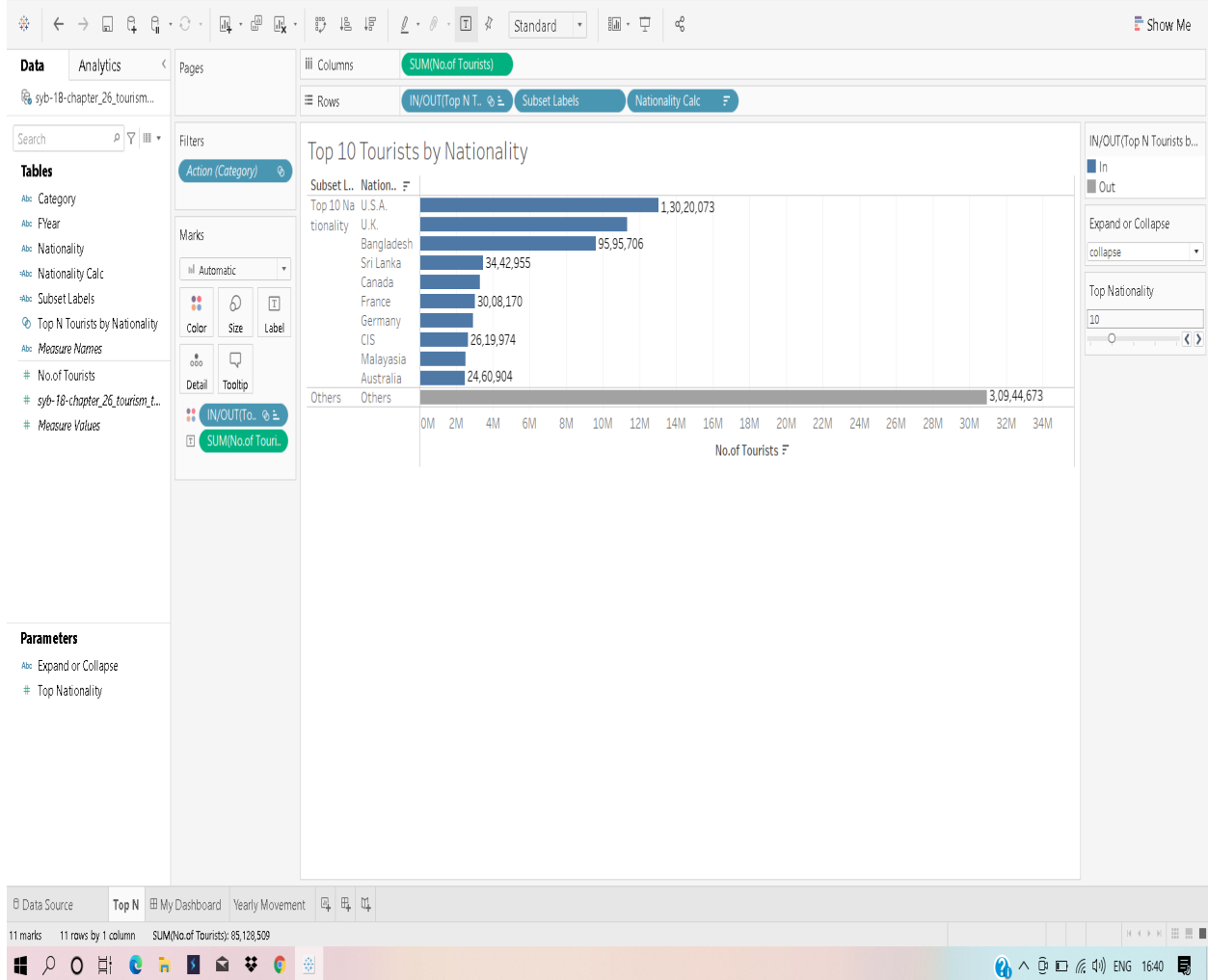
END

ELSE[Nationality] END

Expand or Collapse and Top Nationality are used as parameters. this parameter holds the representation gesture and decides which factors to be considered and upto to what extent during the visualisation .

here top N nationality with their counts are represented with the bar graph with the parameters applied on this to show the selected number of nationalities and the rest in the other group with their total number of counts





# Dashboard

It represents the over all analysis and vizualisation of the data set to get the idea of the top nationality with most visitors with respect to the growing number of visitors each year from different nationality .

By providing some actions to this dashboard, vizualisation becomes more powerfull by getting all the knowledge of the country selected with the help of three sheets.

like for example when you select usa the dashboard will represent the total number of visitiors , visitors yearly movement for usa and also yearly percentage change .

These vizualisations can be applied to two nationality to compare them at the same time.

