

DATA SCIENCE  
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DS-200

**Data set Description:** The data set describes the number of tourists in years 2015, 2016, 2017 in India for every month. It also has the data of percentage change in the number of tourists in subsequent years for every month.

**Analysis :**

Fig 1a, 1b, 1c shows the number of tourists in India in each month for the years 2015, 2016, 2017 respectively using which we can say the following observations

- 1) In 2015 July see more number of tourists and then January
- 2) Same Trend as 2015 is followed in 2016.
- 3) But in 2016 January see more number of tourists then July but with large variation.

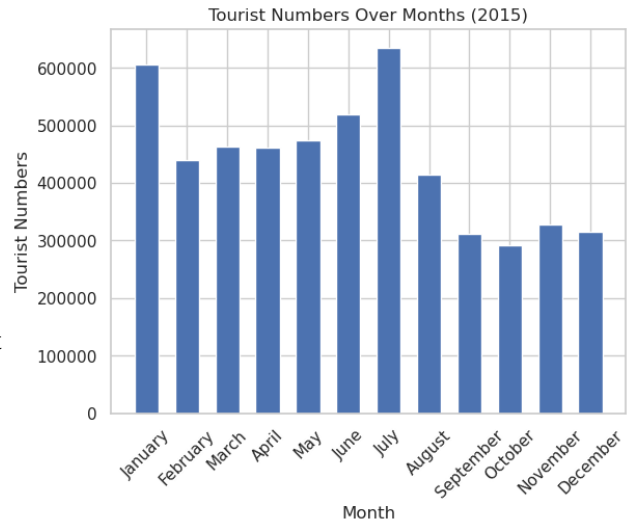


Fig : 1a

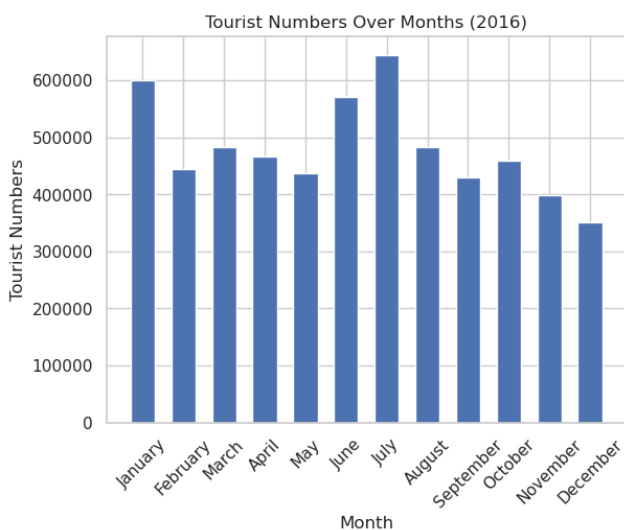


Fig : 1b

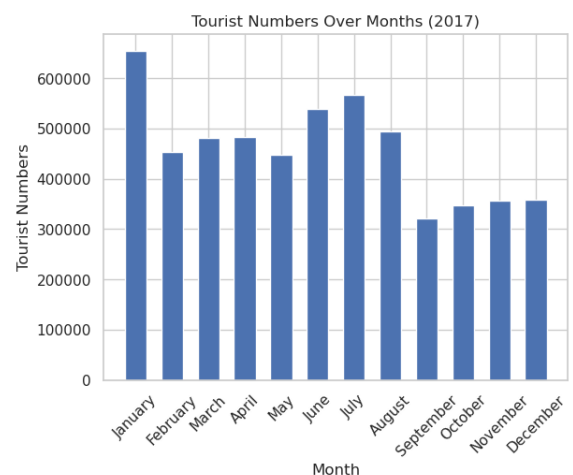


Fig : 1c

Fig 2a plot depicts the number of tourists in India for each month for the 3 years. It can be clearly observed from the plot that the number of tourists are more in the months of January and July comparatively.

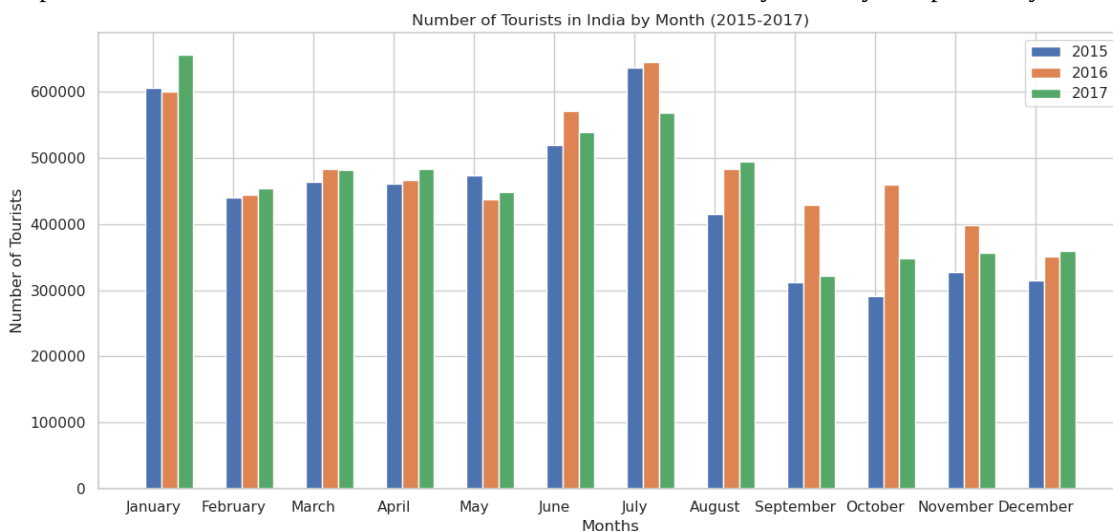


Fig : 2a

And fig 2b the line plot shows how the number of tourists are varied from month to month for three years. It can be clearly seen that there is a drastical decrement in the number of tourists from the months of july to december may be because of starting of academic year.

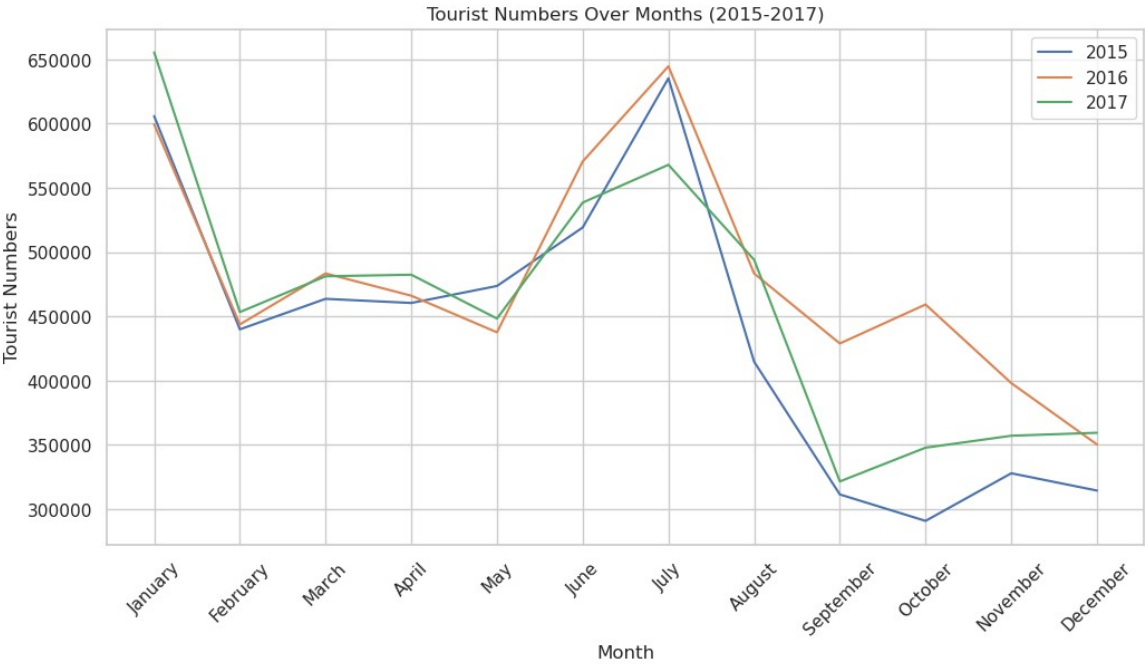


Fig : 2b

Fig 3a, 3b shows how there is percentage increment/ decrement in the number of pacengers in the intervals 2015-2016 and 2016-2017. . There is high increase in october in the interval 2015-2016.

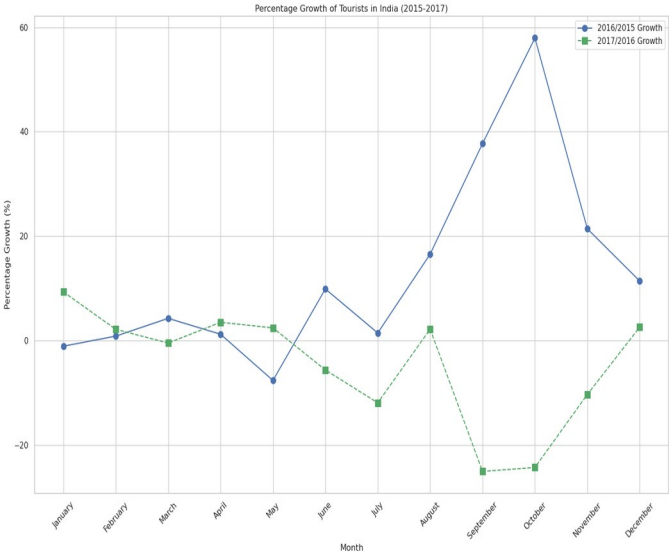


Fig : 3a

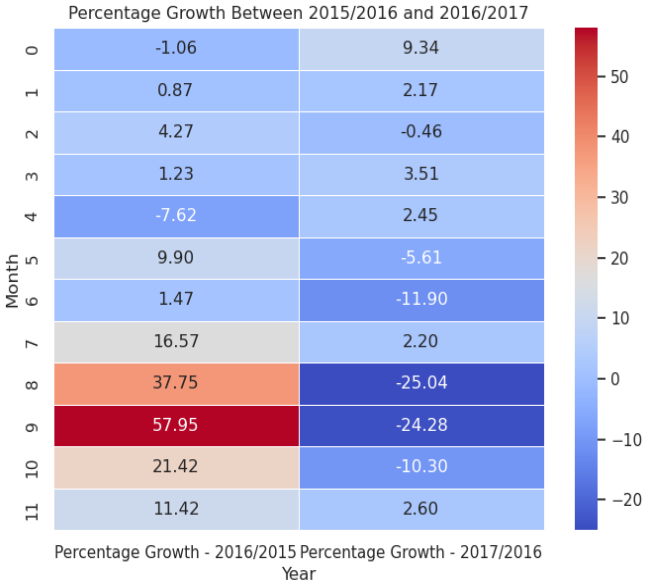


Fig : 3b