Domain:- *Travel & Tourism*

Overview:

A analysis on hotels in India of the year 2016 has been done. Number of rooms, number of hotels, Statewise hotel count, Star wise hotel has been done.
A small line plot has been visualized on count of hotels from 2010 to 2016, how the numbers have increased/decreased.

THEORITICAL ANALYSIS

The number of five star delux has maximum number of rooms i.e ***31,037*** and maximum number of hotels are three star hotels i.e ***146***. From the geographical map we can see that Maharashtra has the maximum number of five star delux hotel which counts to ***24***. If we hover over the bottom left, bar graph we can check which states have max room types, so here we can see that **Maharashtra** has max number delux hotel rooms which are **7,376** and **Punjab** has the least number of delux hotels i.e **260**. If we click on particular state or attribute only that states data will be shown in all the visuals. The top right corner plot shows how the room number have increased as the years passed from 2010 to 2016. In 2010 max

We can get know what is trend i.e which type of hotels/rooms are preferred by tourists, by just seeing the graph by looking at numbers, more the numbers more they are preferred as in 3star rooms are more preferred than 4star hotel rooms or 5star hotel rooms as the count of room and hotels both are more. So in future we can think and plan a hotel project.

If we see state wise analysis we can see that some of the tourists travelling to Maharashtra are staying in 5star delux hotels so we can think of building a 5star hotel in Maharashtra, but building a 5star hotel where the tourists travelling over there dont prefer 5star hotels, so it wont be a good idea for a 5star hotel project instead a 3star hotel can be build. Both time and money will be saved.

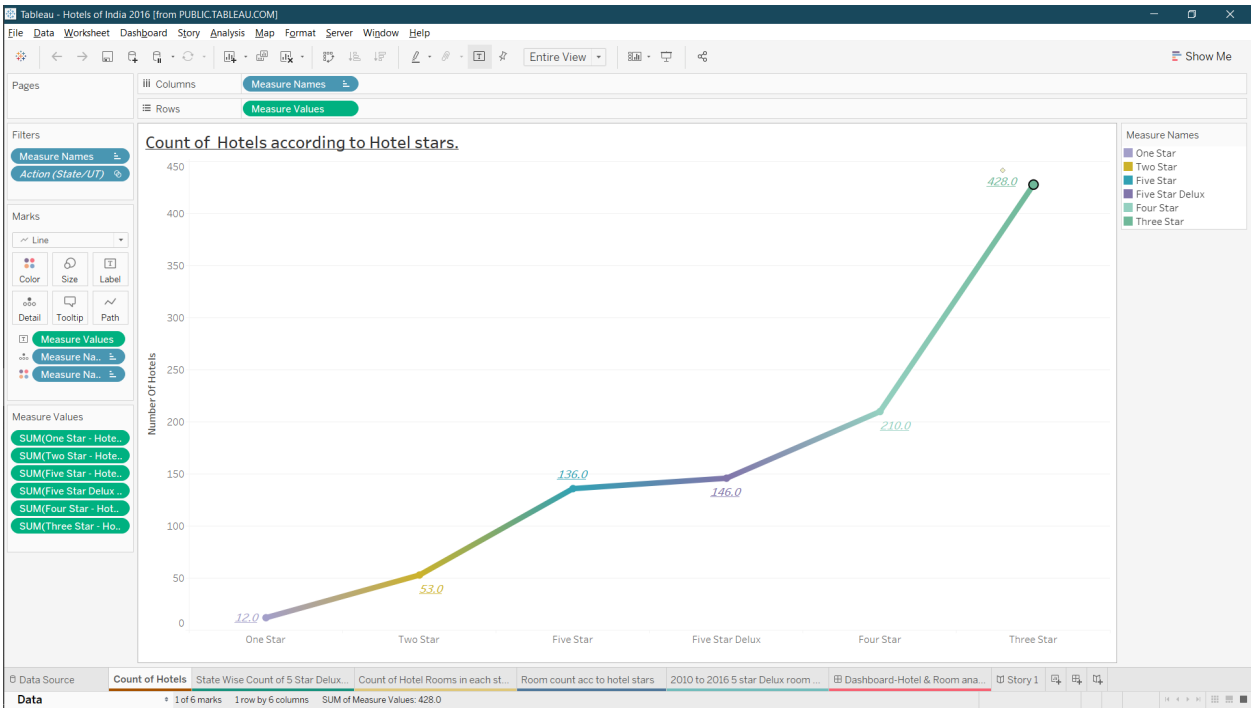
Due to these simple analysis we can decide the future projects and avoid a loss.
Visualiztion will save time for making a decision and decision making process speed will increase.

Existing Solution:

People are doining analysis manually that is by observing the numbers which can take time. There is a scope of mistakes.

In current solution also mistakes can be made but can be very small and solved much quickly.

Screenshots:



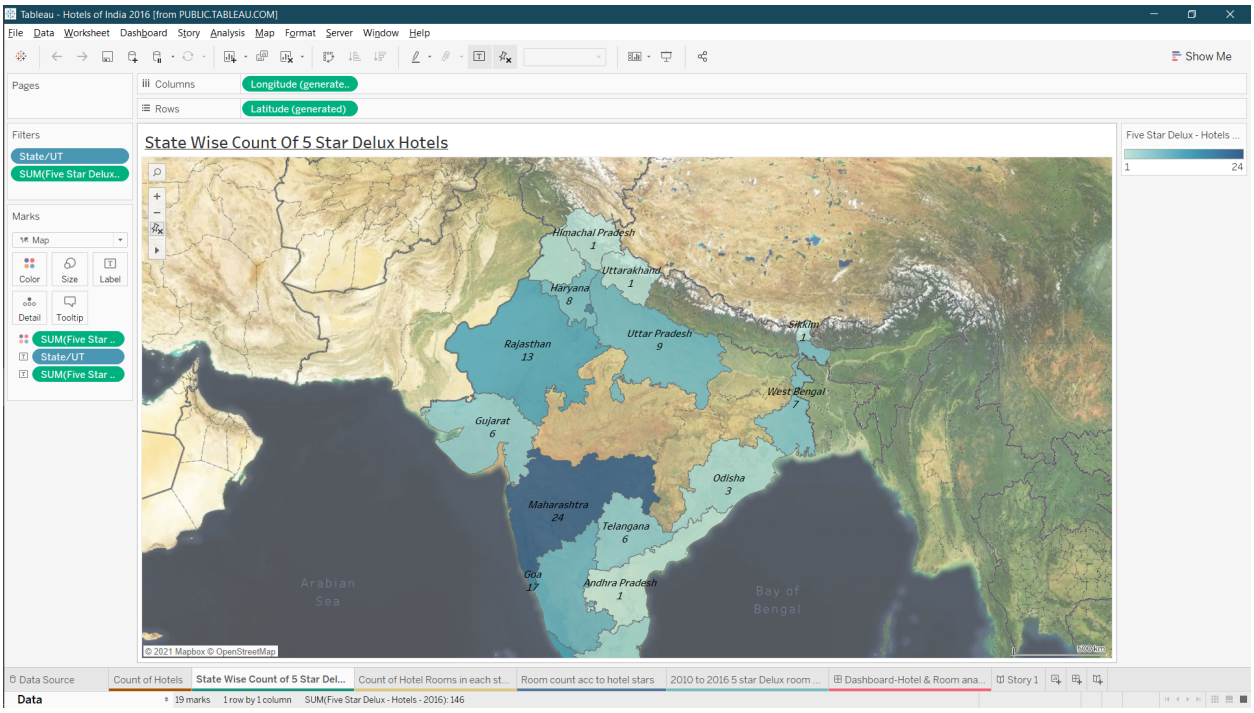


Tableau - Hotels of India 2016 [from PUBLIC.TABLEAU.COM]
File Data Worksheet Dashboard Story Analysis Map Format Server Window Help
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Filters
State/UT
SUM(Five Star Delux..
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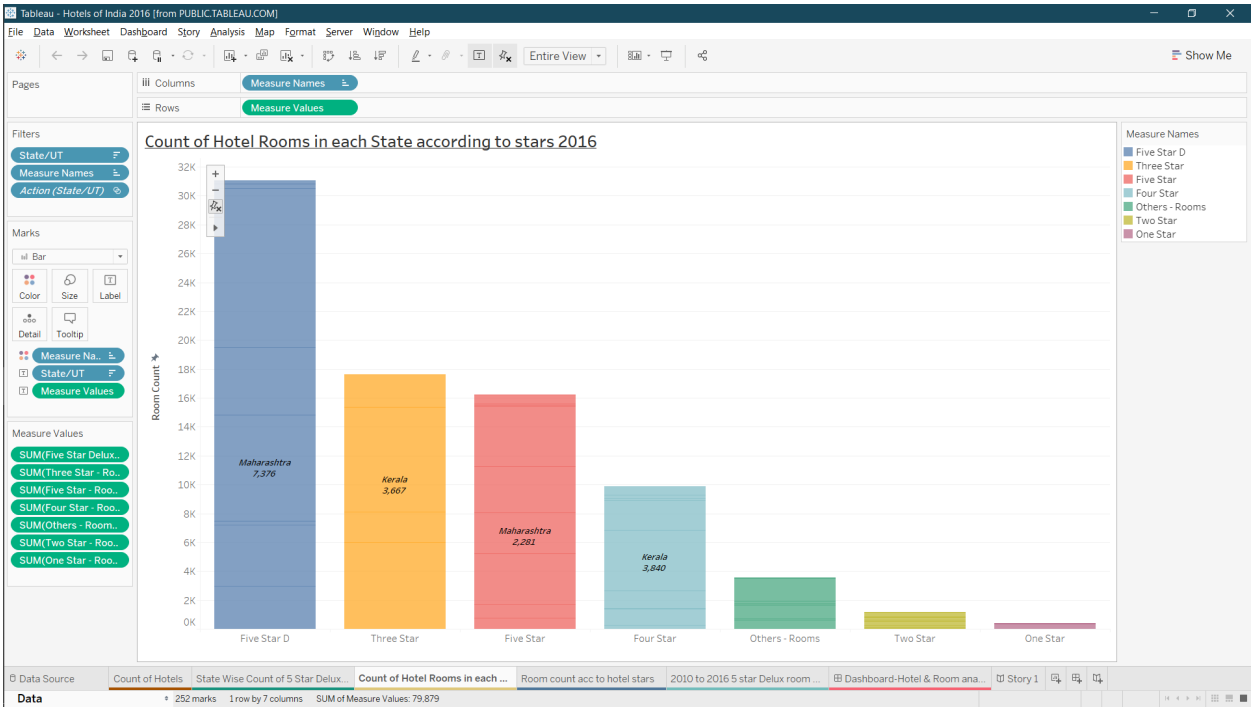
State Wise Count Of 5 Star Delux Hotels
Five Star Delux - Hotels ...
1 24
Himachal Pradesh 1
Uttarakhand 1
Haryana 8
Rajasthan 13
Uttar Pradesh 9
Sikkim 1
West Bengal 7
Gujarat 6
Odisha 3
Maharashtra 24
Telangana 6
Goa 17
Andhra Pradesh 1
Arabian Sea
Bay of Bengal
© 2021 Mapbox © OpenStreetMap
Data Source
Count of Hotels
State Wise Count of 5 Star Del...
Count of Hotel Rooms in each st...
Room count acc to hotel stars
2010 to 2016 5 star Delux room ...
Dashboard-Hotel & Room ana...
Story 1
Data
19 marks 1 row by 1 column SUM(Five Star Delux - Hotels - 2016): 146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Three Star
Five Star
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Others - Rooms
Two Star
One Star
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Maharashtra 7,376
Kerala 3,667
Maharashtra 2,281
Kerala 3,840
Five Star D
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Others - Rooms
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Data Source
Count of Hotels
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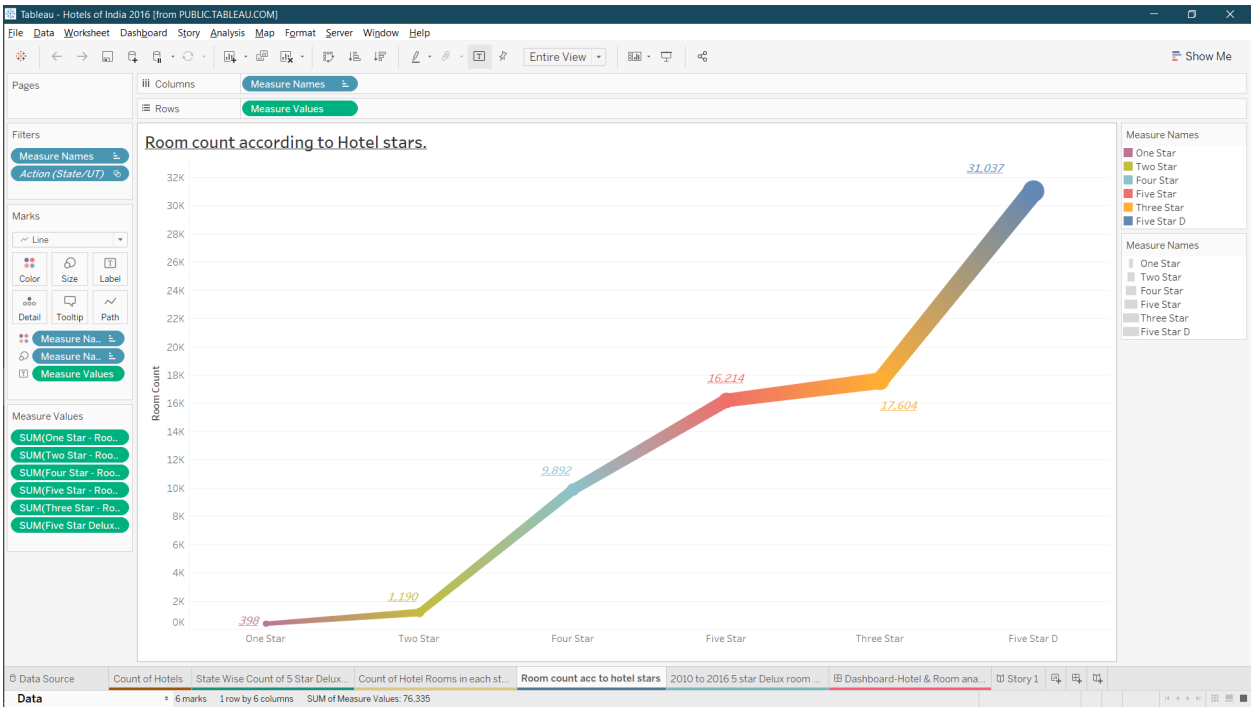
Count of Hotel Rooms in each ...
Room count acc to hotel stars
2010 to 2016 5 star Delux room ...
Dashboard-Hotel & Room ana...
Story 1
Data
252 marks 1 row by 7 columns SUM of Measure Values: 79,879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16K
14K
12K
10K
8K
6K
4K
2K
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398
1,190
9,892
16,214
17,604
31,037
One Star
Two Star
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Dashboard-Hotel & Room ana...
Story 1
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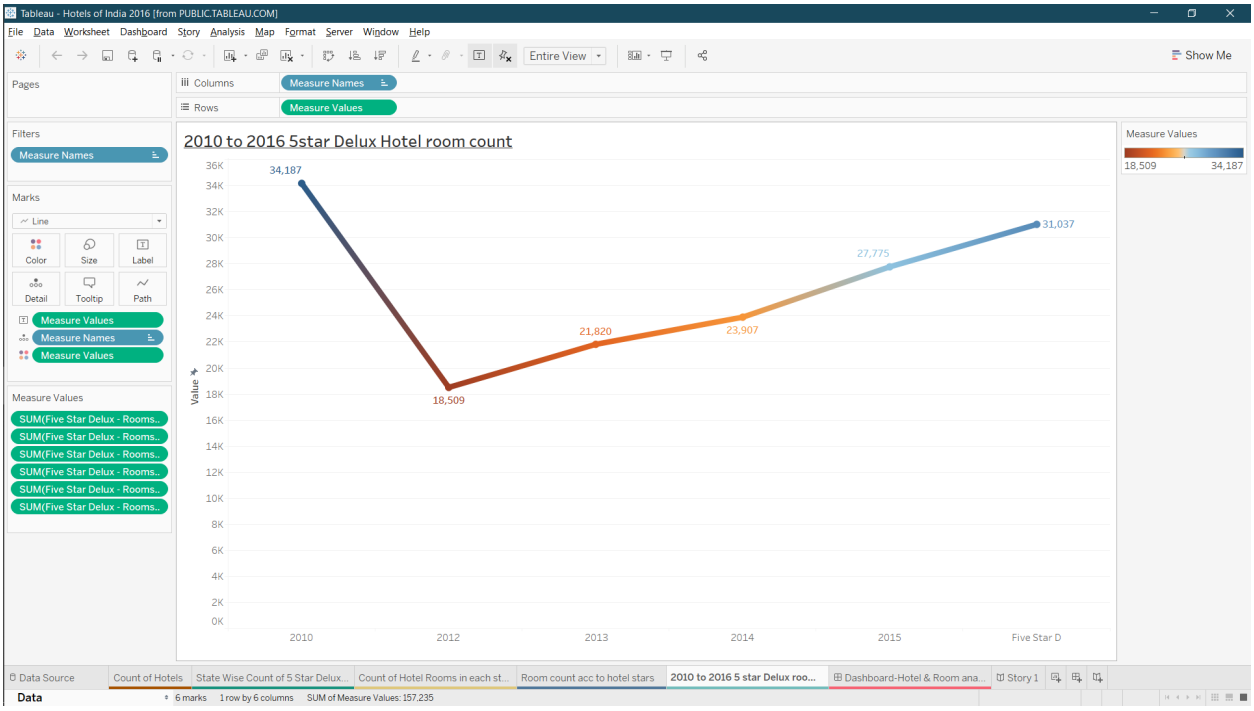
6 marks
1 row by 6 columns
SUM of Measure Values: 76,335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32K
30K
28K
26K
24K
22K
20K
18K
16K
14K
12K
10K
8K
6K
4K
2K
0K
34,187
18,509
21,820
23,907
27,775
31,037
2010
2012
2013
2014
2015
Five Star D
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34,187
Data Source
Count of Hotels
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Story 1
Data
6 marks
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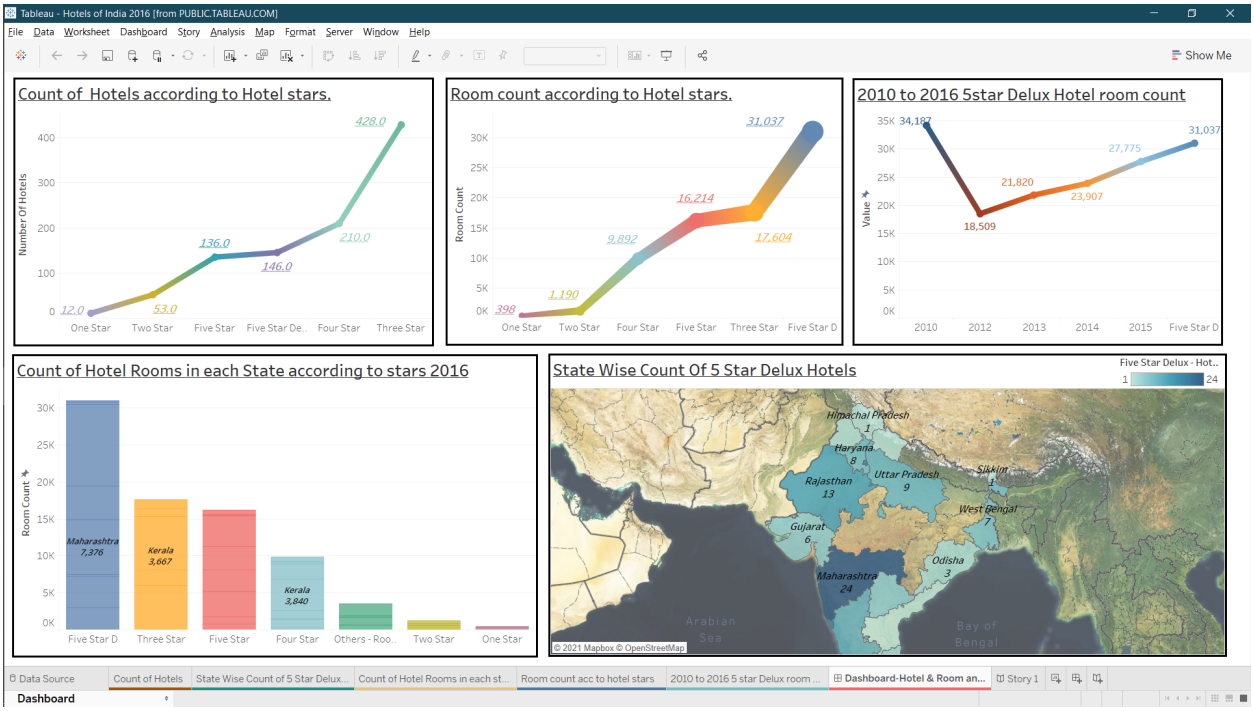
SUM of Measure Values: 157,235



Apllications:

Can be used for future project planning and decide which type of hotels should be constructed.

Future Scope:

If we get tourists type like student, couples, business people more appropriate analysis can be done which can be helpful.

Dataset link:

https://data.gov.in/catalog/rooms-and-hotels-different-category-hotels-india?filters%5Bfield_catalog_reference%5D=90815&format=json&offset=0&limit=6&sort%5Bcreated%5D=desc

Dashboard link:

https://public.tableau.com/profile/atharwa.gokhale#!/vizhome/hotelsofIndia2016/Story1

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