



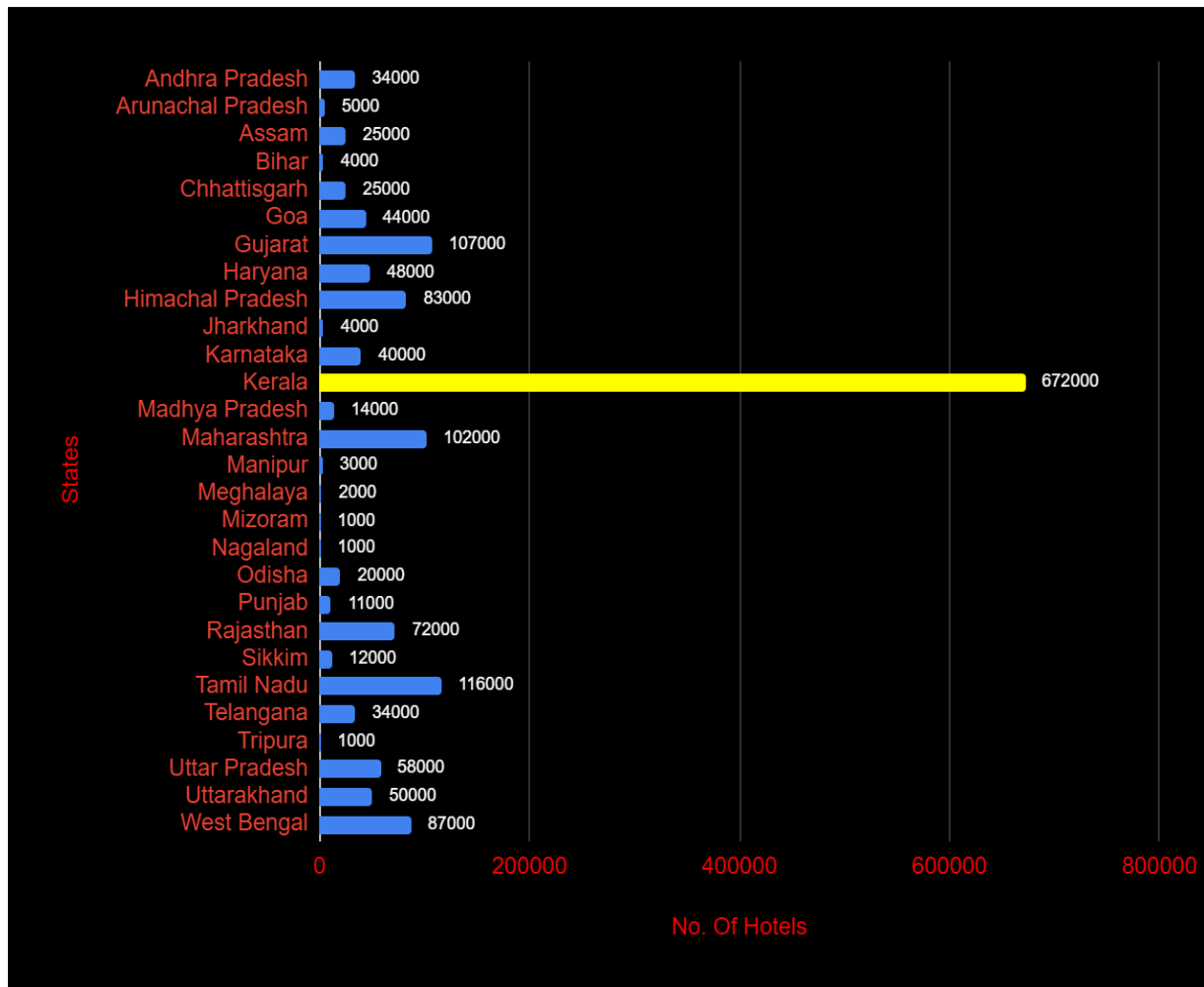
Questions:

Answer the following questions based on data collection and visualisation of data, using MS-Excel.

1. Which state has the highest number of hotels? Depict this via a bar graph that compares all states.
2. Which states have three types of climatic conditions? (convert the map, an unstructured data, to an Excel file in a structured format and mention the number of climates along with the state)
3. Among the northeastern states which are best to set up a hotel? Use Clustered Column Chart and give recommendations for hotel industry investors.
4. Customise the pivot charts to add/change the fields in the fields list with other fields and by using chart styles to customise the charts. (choose the data and parameters according to your choice)
5. Which is the best state for setting up a hotel? Why?
6. What is the average number of days the rainy season lasts in Indian states?

Answers:

- 1) From the bar graph we can clearly observe that **Kerala** has the highest number of Hotels.



2)By analysing the map I noted down the number of climates each state experienced throughout the year.

I observed that states that had 3 type of climates were:

States

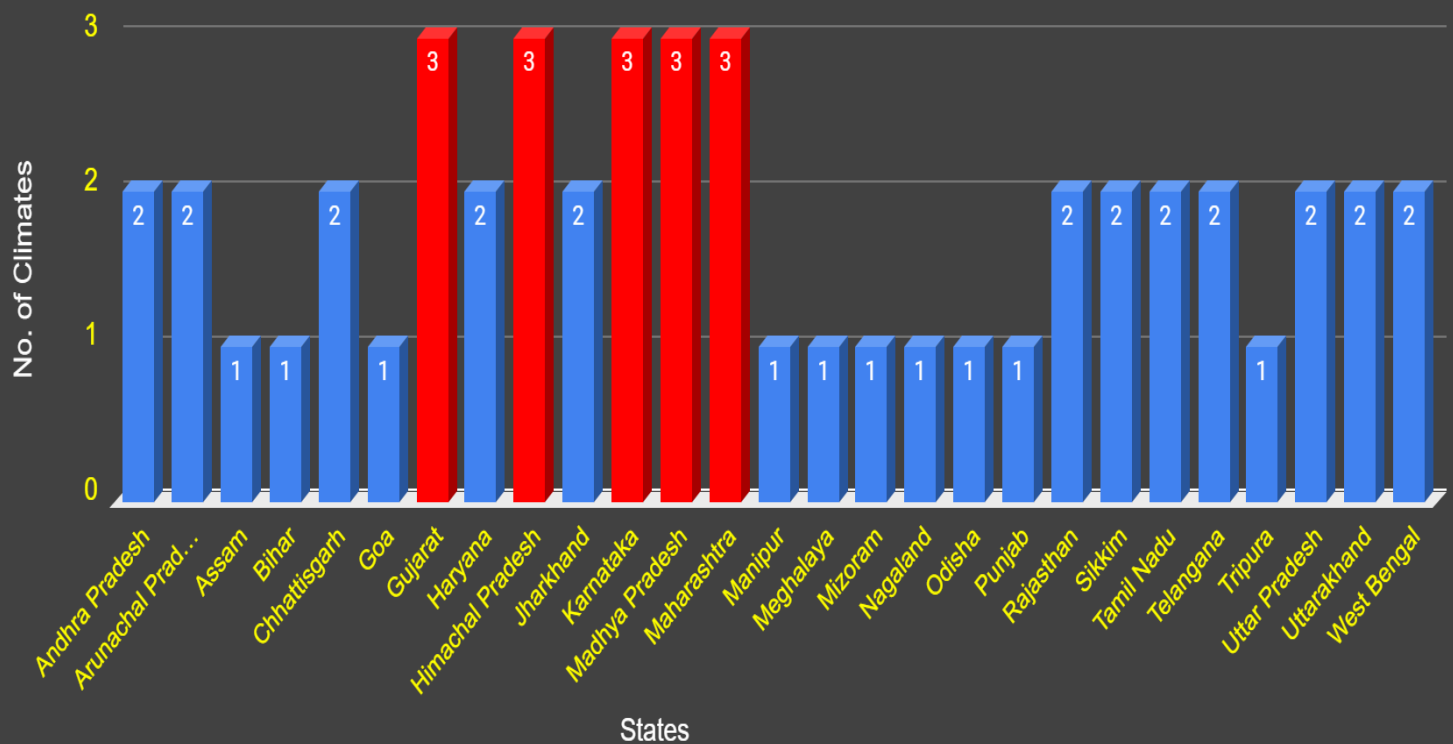
Gujarat

Himachal Pradesh

Karnataka

Madhya Pradesh

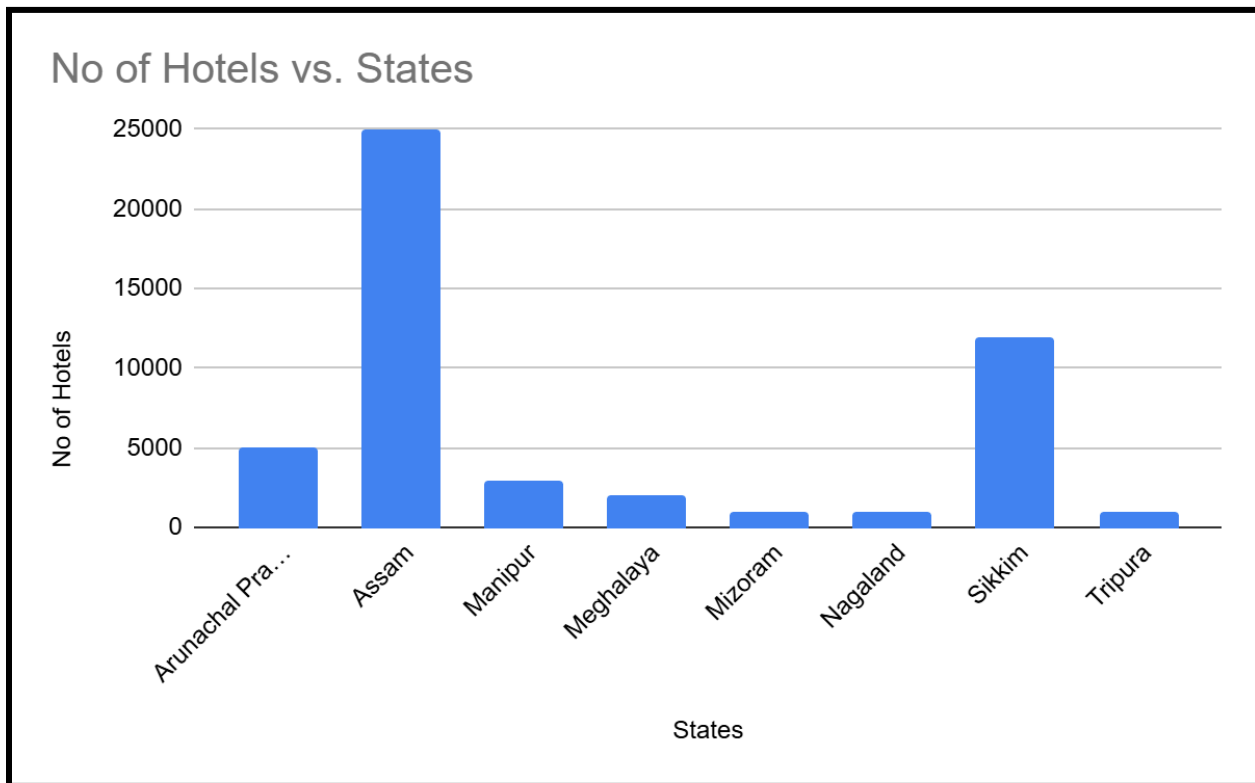
Maharashtra



3)According to me the top 2 states among the northeastern states where we should build a hotel is

Arunachal Pradesh or Sikkim because they have mountain type climate and snowfall occurs which will attract tourism.Trekking and other adventure sports on the mountains will help attract tourists that will in turn increase hotel bookings.

Since Sikkim has more no. of hotels compared to Arunachal Pradesh setting up a hotel in **Arunachal Pradesh** will be better since it will face less competition.



5) I would suggest the best state to build a hotel in is **Jammu & Kashmir** due to the following reasons:

Scenic Beauty and Natural Attractions

- **Tourism Magnet:** Known as "Paradise on Earth," J&K attracts tourists worldwide for its stunning landscapes, including mountains, valleys, lakes, and gardens.
- **Year-Round Appeal:** The region offers diverse experiences:
 - **Summer:** Cool and pleasant weather with lush green meadows.
 - **Winter:** Snow-covered landscapes ideal for skiing and winter sports (e.g., Gulmarg).

Less Saturation in Hospitality Market

- Compared to more established tourist states like Goa or Kerala, J&K offers less saturation and greater opportunity to establish unique, premium offerings.

Climate Advantage

- Compared to other states, J&K offers a distinct climate advantage during India's scorching summer months, attracting visitors seeking respite from the heat.

Strategic Location

- Proximity to popular tourist destinations like Leh-Ladakh, Pahalgam, and Srinagar allows for packaged tours and partnerships, enhancing occupancy rates.

Unique Cultural and Religious Heritage

- Rich cultural experiences, including Kashmiri cuisine, traditional music, and handicrafts (e.g., Pashmina shawls, carpets).
- Religious pilgrimage destinations like Vaishno Devi Temple and Amarnath Cave bring a steady flow of visitors.

6) From the map I observed the following trend in the Onset and Offset of monsoon season across india:

Part Of India	Onset (approx)	Offset(approx)	Total Days(approx)
South	June 1	October 15	135
Middle	June 5	October 1	115
North	June 15	September 15	90
Total			340

Average Number Of Days Rainy Season Last in India is $340/3 = \underline{113 \text{ days(approx)}}$