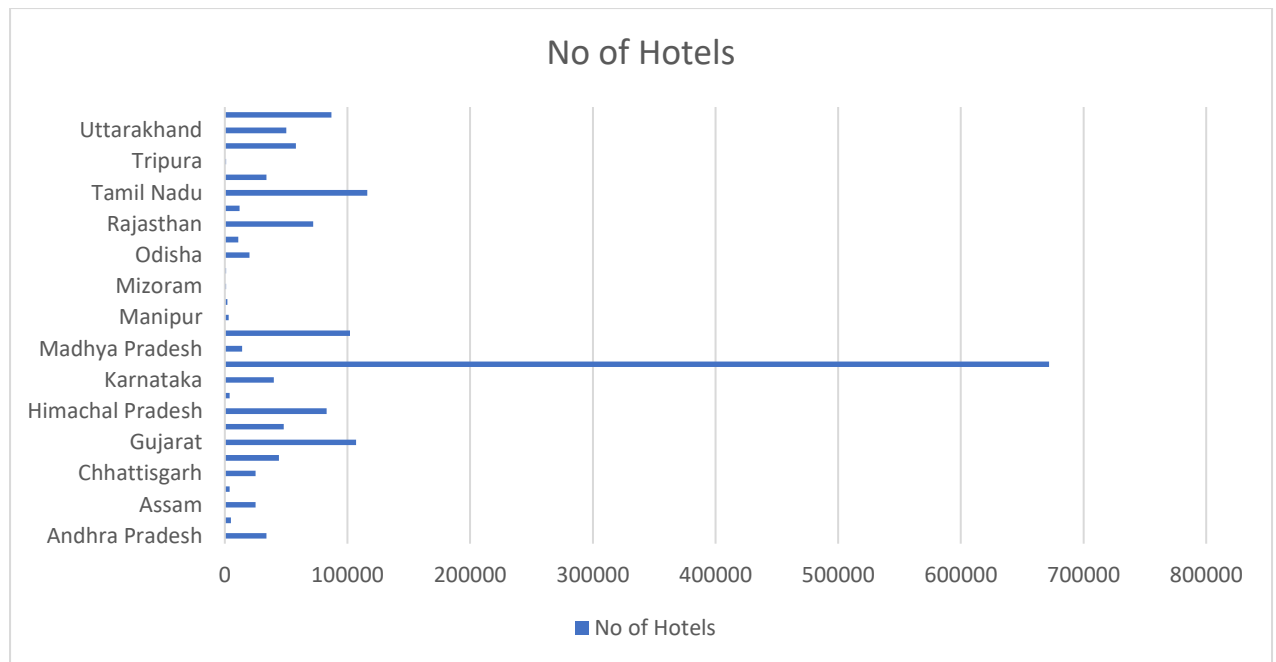


1. Which state has the highest number of hotels? Depict this via a bar graph that compares all states.

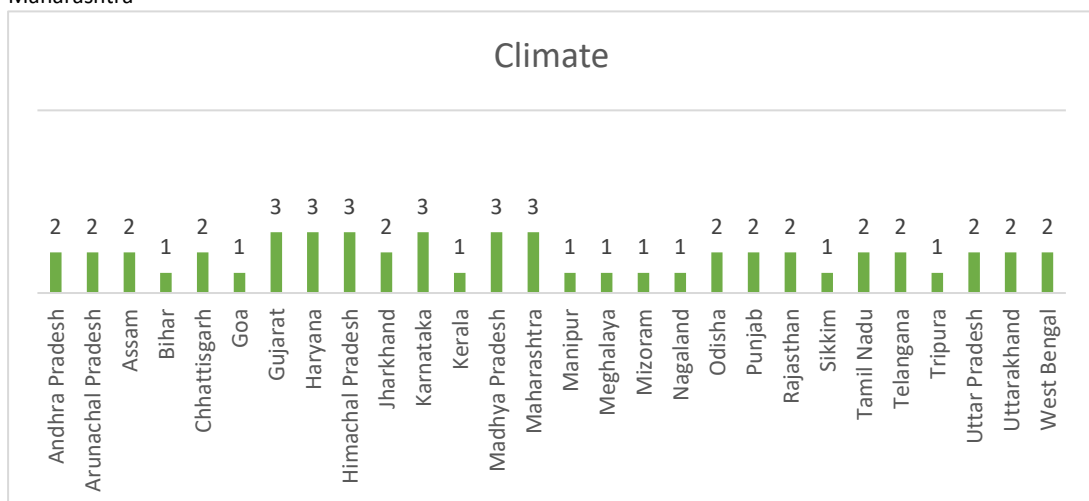
Ans – Kerela



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)

Ans –

- Gujarat
- Haryana
- Himachal Pradesh
- Jharkhand
- Karnataka
- Kerala
- Madhya Pradesh
- Maharashtra



3. Among the northeastern states which are best to set up a hotel? Use Clustered Column Chart and give recommendations for hotel industry investors.

Ans –

Mizoram and Nagaland seems to have the least number of hotels according to the data.

Hence, we need to set up hotels in that region

**Assam seems to be the most promising area for hotel industry as per the cluster diagram.**

**Hence from business point of view, Assam should be considered for investing in hotel industry.**



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)

Row Labels	Sum of No of Hotels	Sum of Climate
Andhra Pradesh	34000	2
Arunachal Pradesh	5000	2
Assam	25000	2
Bihar	4000	1
Chhattisgarh	25000	2
Goa	44000	1
Gujarat	107000	3
Haryana	48000	3
Himachal Pradesh	83000	3
Jharkhand	4000	2
Karnataka	40000	3
Kerala	672000	1
Madhya Pradesh	14000	3
Maharashtra	102000	3
Manipur	3000	1
Meghalaya	2000	1
Mizoram	1000	1
Nagaland	1000	1
Odisha	20000	2
Punjab	11000	2
Rajasthan	72000	2
Sikkim	12000	1
Tamil Nadu	116000	2
Telangana	34000	2
Tripura	1000	1
Uttar Pradesh	58000	2
Uttarakhand	50000	2
West Bengal	87000	2
<b>Grand Total</b>	<b>1675000</b>	<b>53</b>

5. Which is the best state for setting up a hotel? Why?

Mizoram and Nagaland seems to have the least number of hotels according to the data.

Hence, we need to set up hotels in that region

**Kerela seems to be the most promising area for hotel industry as per the cluster diagram.**

**Hence from business point of view, Kerela should be considered for investing in hotel industry.**

6. What is the average number of days the rainy season lasts in Indian states?

Thus, the average number of days rainy season lasts in Indian states is 105.25.

Regions	Onset Date	Retreat Date	Days
1	Jun-05	Oct-15	130
2	Jun-10	Oct-01	111
3	Jun-15	Sep-15	90
4	Jul-01	Sep-01	90
		Average	105.25