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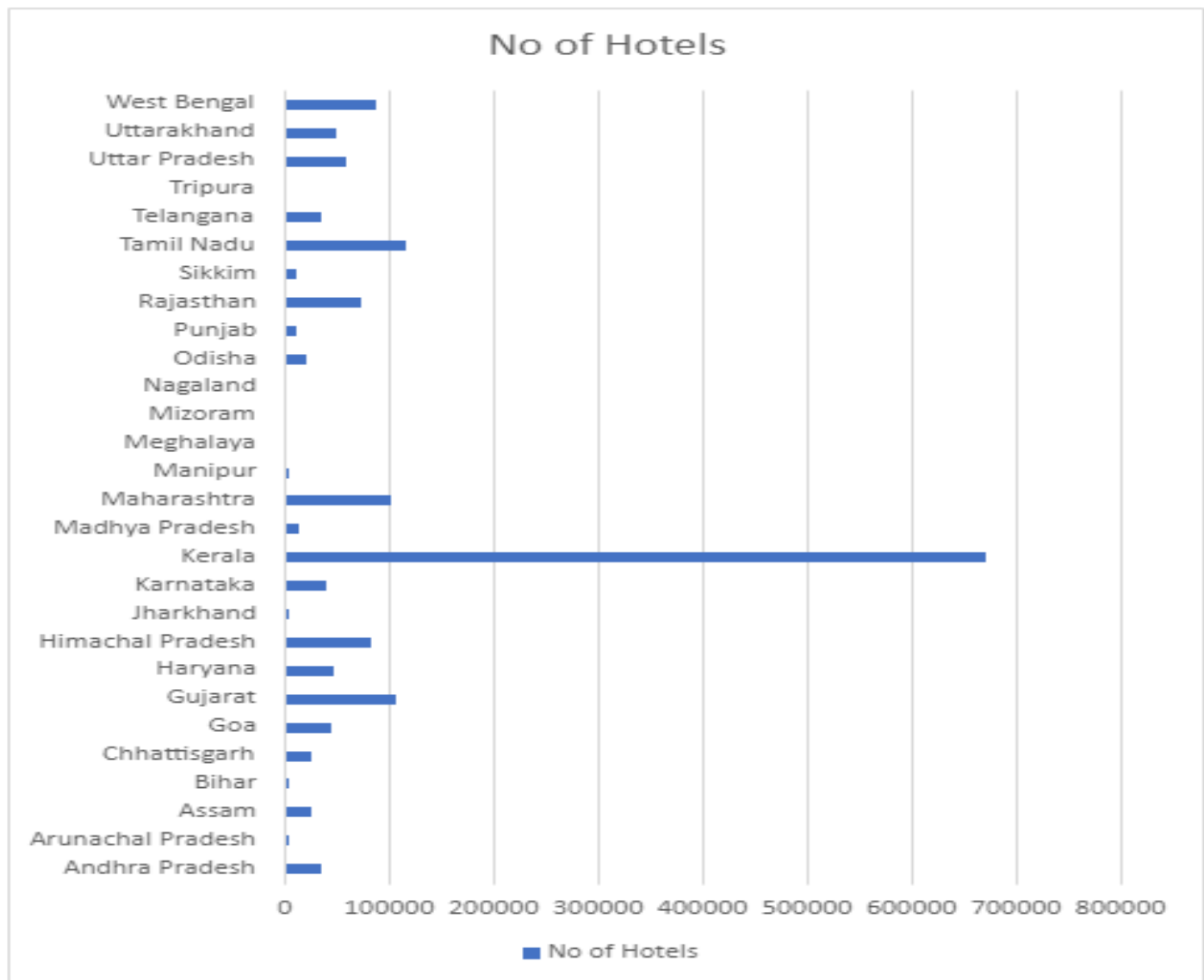
Name: ILLUR JYOTHI REDDY

Contact number: 9652377248

Email ID: [nandhu1234789@gmail.com](mailto:nandhu1234789@gmail.com)

## Analysis of Hotel Industry in Indian States Based on Climate and Hotel Distribution

Question 1: Which state has the highest number of hotels?



Conclusion:

Kerala has the highest number of hotels, with 672,000, making it a tourism hotspot in India.

Question 2:

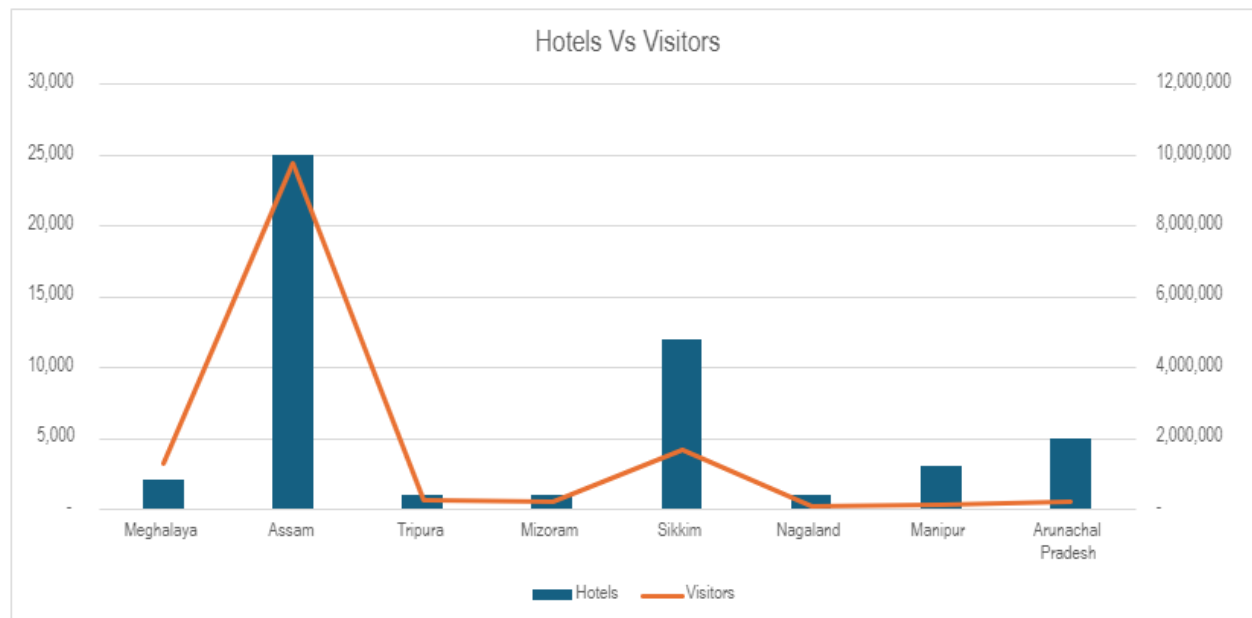
Which states have three types of climatic conditions? (convert the map, an unstructured data, to an Excel file in a structured format and mention the number of climates along with the state)

<b>States</b>	<b>No of Climate Types</b>
<b>Himachal Pradesh</b>	3
<b>Maharashtra</b>	3
<b>Tamil Nadu</b>	3
<b>Andhra Pradesh</b>	2
<b>Arunachal Pradesh</b>	2
<b>Chhattisgarh</b>	2
<b>Gujarat</b>	2
<b>Haryana</b>	2
<b>Jharkhand</b>	2
<b>Karnataka</b>	2
<b>Madhya Pradesh</b>	2
<b>Odisha</b>	2
<b>Punjab</b>	2
<b>Telangana</b>	2
<b>Uttar Pradesh</b>	2
<b>Uttarakhand</b>	2
<b>West Bengal</b>	2
<b>Assam</b>	1
<b>Bihar</b>	1
<b>Goa</b>	1
<b>Kerala</b>	1
<b>Manipur</b>	1
<b>Meghalaya</b>	1
<b>Mizoram</b>	1
<b>Nagaland</b>	1
<b>Rajasthan</b>	1
<b>Sikkim</b>	1
<b>Tripura</b>	1

Following 3 states have all 3 climates: Himachal Pradesh, Maharashtra, Tamil Nadu

Question 3: Among the northeastern states which are best to set up a hotel?

NE State	Hotels	Visitors	Ratio
Meghalaya	2,000	1,270,000	635
Assam	25,000	9,800,000	392
Tripura	1,000	244,100	244
Mizoram	1,000	221,000	221
Sikkim	12,000	1,694,200	141
Nagaland	1,000	97,400	97
Manipur	3,000	143,400	48
Arunachal Pradesh	5,000	223,500	45

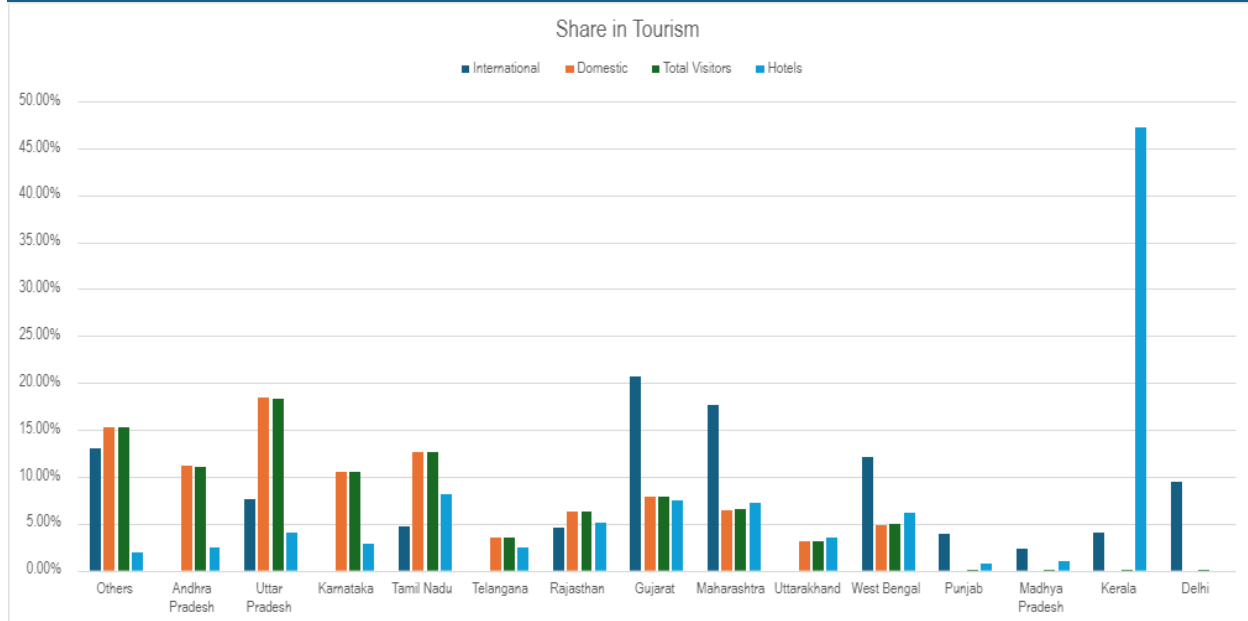


The best place to setup a hotel is Meghalaya

Question 4: Customize the pivot charts to add/change the fields in the fields list with other fields and by using chart styles to customize the charts.

State/UT	Share in %						Values		
	Ratio	Total Visitor s	Hotels Is	International I	Domes tic	International (in Mil)	Domes tic (in Mil)	Total Visitors (in Mil)	Hotels (Absolute)
Others	7.81	15.24%	1.95%	12.97%	15.25%	1.11	264.01	265.12	27,800
Andhra Pradesh	4.64	11.08%	2.39%	0.00%	11.13%		192.72	192.72	34,000
Uttar Pradesh	4.50	18.31%	4.07%	7.56%	18.37%	0.65	317.91	318.56	58,000
Karnataka	3.74	10.49%	2.81%	0.00%	10.54%		182.41	182.41	40,000
Tamil Nadu	1.55	12.59%	8.14%	4.74%	12.63%	0.41	218.58	218.99	116,000
Telangana	1.46	3.49%	2.39%	0.00%	3.51%		60.75	60.75	34,000
Rajasthan	1.24	6.25%	5.05%	4.62%	6.26%	0.40	108.33	108.73	72,000
Gujarat	1.05	7.91%	7.51%	20.70%	7.85%	1.78	135.81	137.59	107,000
Maharashtra	0.91	6.48%	7.16%	17.60%	6.43%	1.51	111.30	112.81	102,000
Uttarakhand	0.90	3.14%	3.51%	0.00%	3.16%		54.64	54.64	50,000

<b>West Bengal</b>	0.81	4.92%	6.11%	12.07%	4.87%	1.04	84.54	85.58	87,000
<b>Punjab</b>	0.02	0.02%	0.77%	3.84%	0.00%	0.33		0.33	11,000
<b>Madhya Pradesh</b>	0.01	0.01%	0.98%	2.38%	0.00%	0.20		0.20	14,000
<b>Kerala</b>	0.00	0.02%	47.16%	4.02%	0.00%	0.35		0.35	672,000
<b>Delhi</b>	-	0.05%	0.00%	9.50%	0.00%	0.82		0.82	
<b>Total</b>		<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>8.60</b>	<b>1,731.00</b>	<b>1,739.60</b>	<b>1,424,800</b>



The best state to set up a hotel is

**Uttar Pradesh**

This is because

- It has very large inflow of tourists
- It has low number of hotels
- Andhra Pradesh has a slightly higher value for the ratio, but UP has a lower number of rainy days

Question 5: What is the average number of days the rainy season lasts in Indian states?

States	Onset Date	Retreat Date	No.of Monsoon Days
<b>Kerala</b>	01 June	15 October	136
<b>Manipur</b>	01 June	15 October	136
<b>Meghalaya</b>	01 June	15 October	136
<b>Mizoram</b>	01 June	15 October	136
<b>Tamil Nadu</b>	01 June	15 October	136
<b>Tripura</b>	01 June	15 October	136
<b>Andhra Pradesh</b>	05 June	15 October	132
<b>Assam</b>	05 June	15 October	132
<b>Karnataka</b>	05 June	15 October	132
<b>Nagaland</b>	05 June	15 October	132
<b>Telangana</b>	05 June	15 October	132
<b>Goa</b>	10 June	15 October	127
<b>Maharashtra</b>	10 June	15 October	127
<b>Odisha</b>	10 June	15 October	127
<b>Sikkim</b>	10 June	15 October	127
<b>West Bengal</b>	10 June	15 October	127
<b>Bihar</b>	15 June	15 October	122
<b>Chhattisgarh</b>	15 June	15 October	122
<b>Jharkhand</b>	15 June	15 October	122

<b>Madhya Pradesh</b>	15 June	15 October	122
<b>Gujarat</b>	15 June	01 October	108
<b>Himachal Pradesh</b>	01 July	01 October	92
<b>Uttar Pradesh</b>	01 July	01 October	92
<b>Uttarakhand</b>	01 July	01 October	92
<b>Haryana</b>	15 July	01 October	78
<b>Punjab</b>	01 July	15 September	76
<b>Rajasthan</b>	15 July	15 September	62
<b>Total</b>	13 June	10 October	118.48

The monsoon season lasts for **118 days**