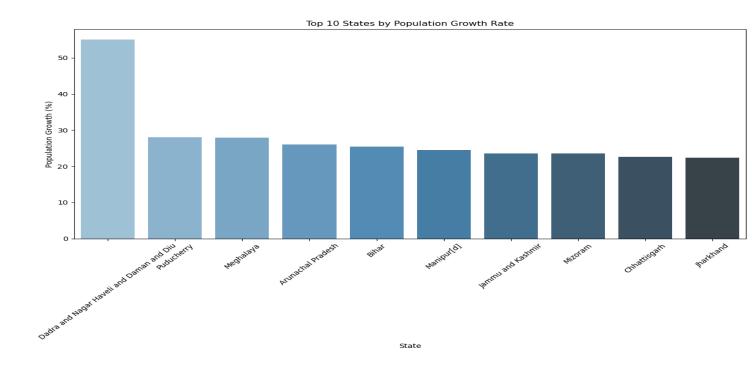
# CAPSTONE PROJECT

# **TOPIC NAME - Crime Analysis In India**

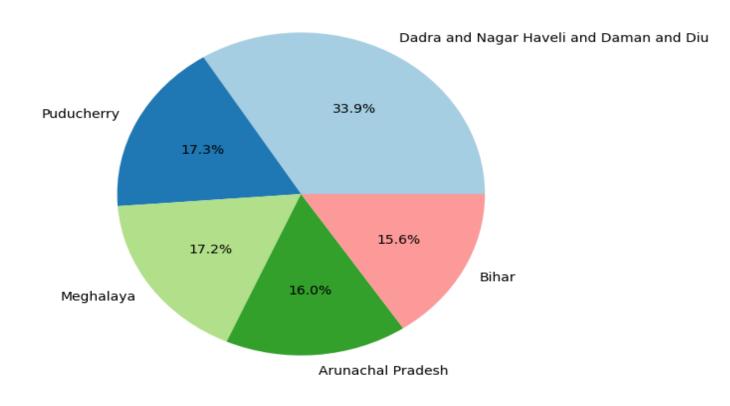
## BY - SOURAV KUMAR SINGH

## **Top 10 population Gowth State in India**

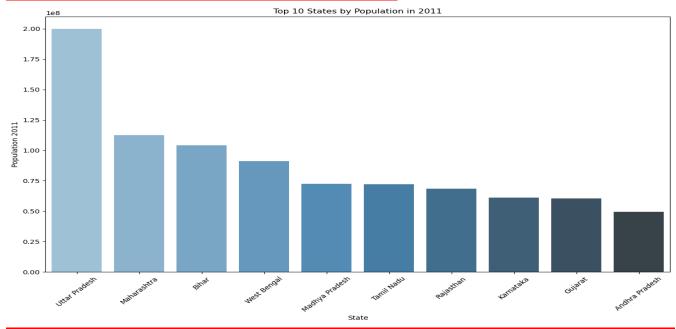


## Top 5 population Gowth State in India using pie chart

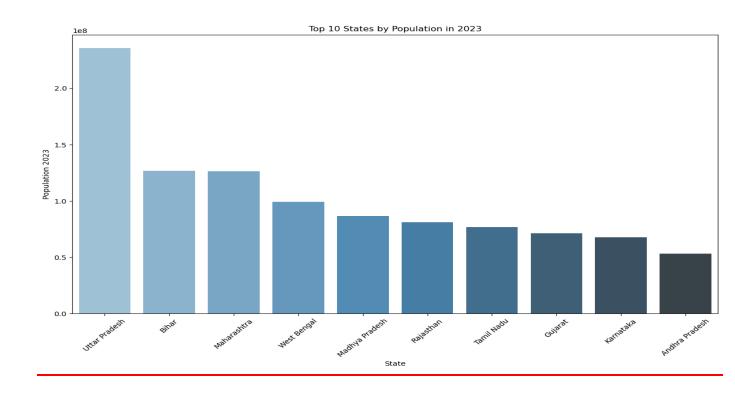
Top 5 Distribution of States with Growth Rate



## Top 10 population in 2011 State in India

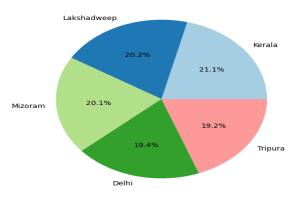


## Top 10 population in 2023 State in India



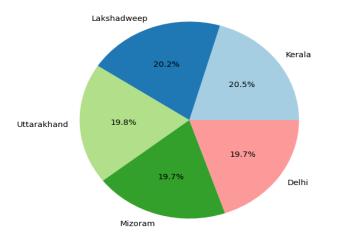
## **Top 5 Distribution of States literacy Rate in 2023**

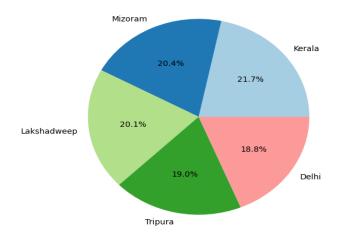
Top 5 Distribution of States with Average literacy Rate 2023



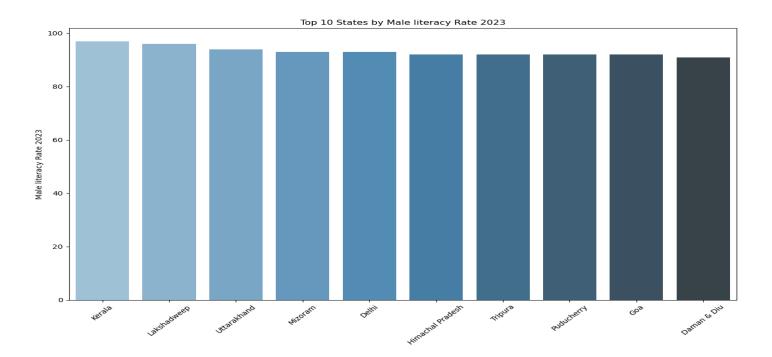
Top 5 Distribution of States with Male literacy Rate 2023

Top 5 Distribution of States with Female literacy Rate 2023

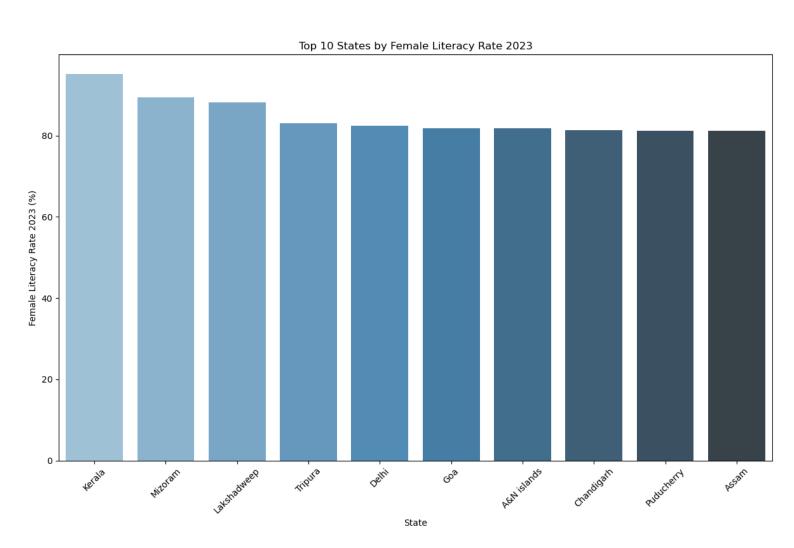




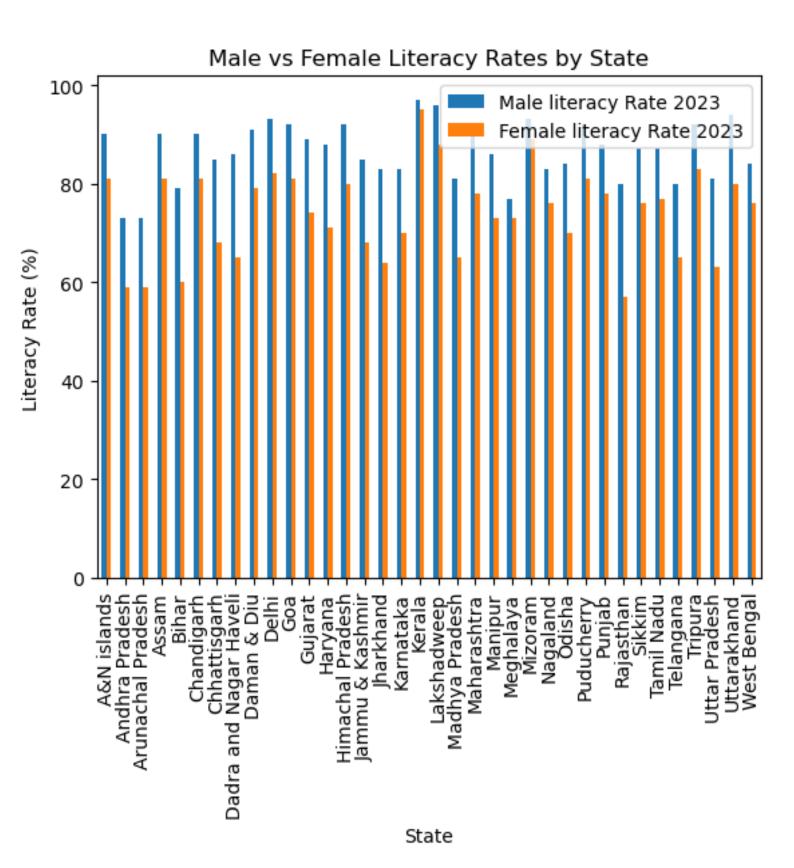
## Top 10 State with high male literacy rate in 2023



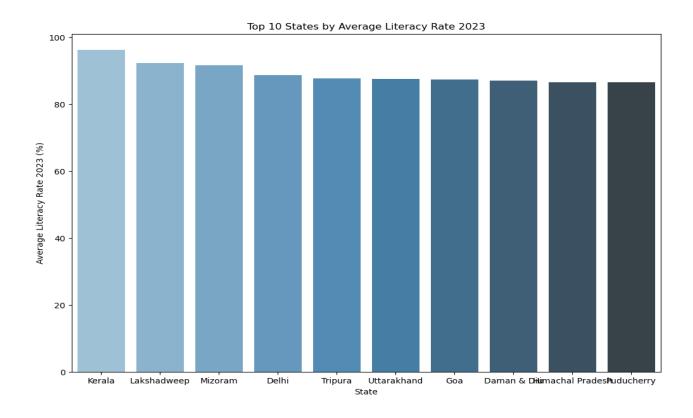
## Top 10 State with high Female literacy rate in 2023



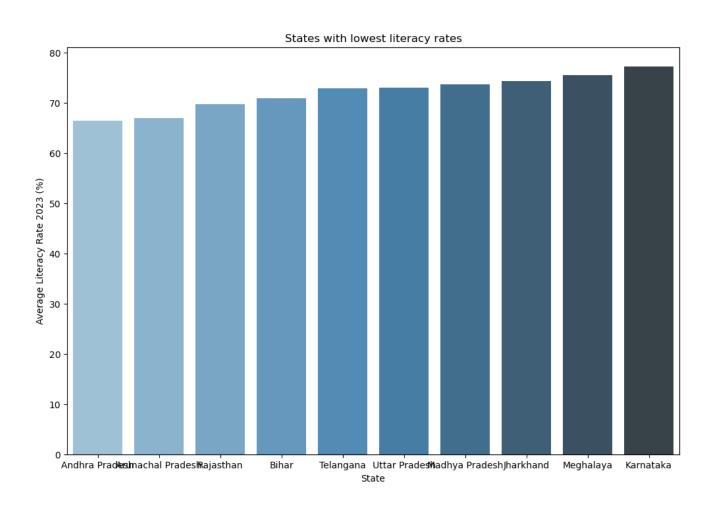
## Male and female literacy rate by state wise



## Top 10 State with high Average literacy rate in 2023

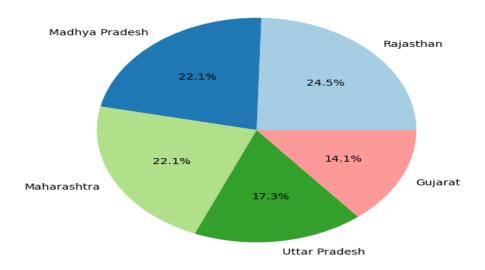


## States with lowest 10 literacy rates

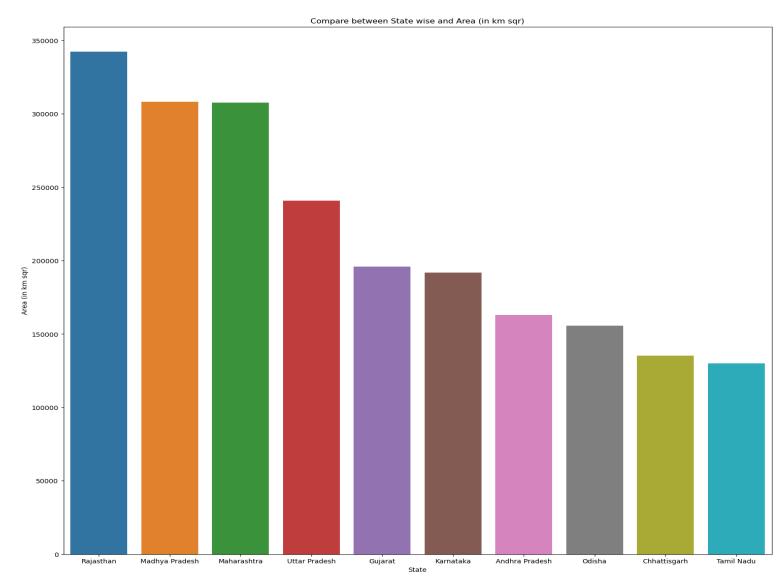


## **Top 5 Distribution of States with Area (in percent)**

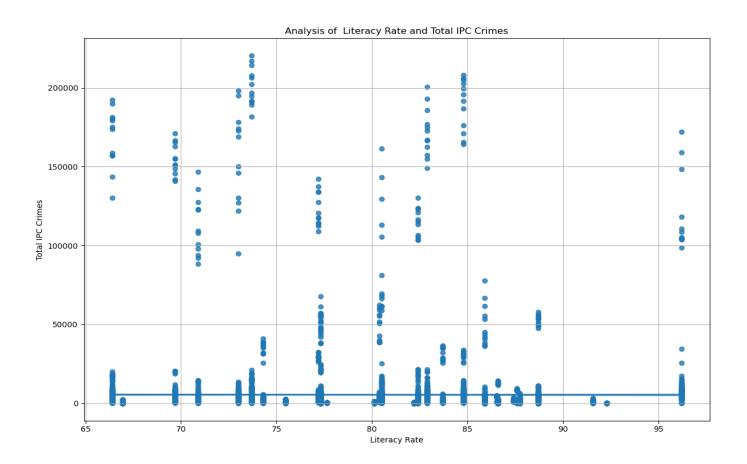
Top 5 Distribution of States with Area (in percent)



## **State Wise Area Analysis**

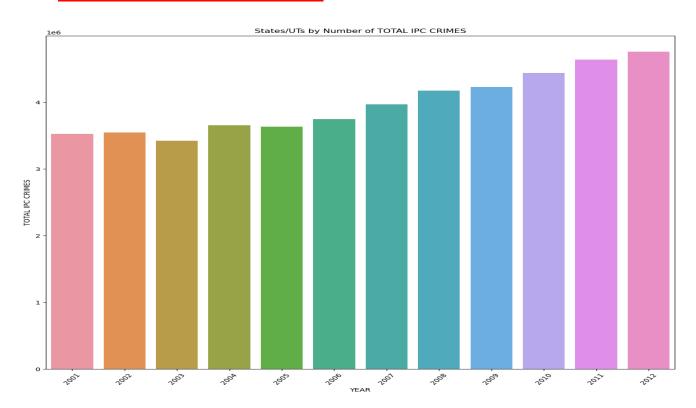


## **Analysis of literacy rate and total IPC crime**

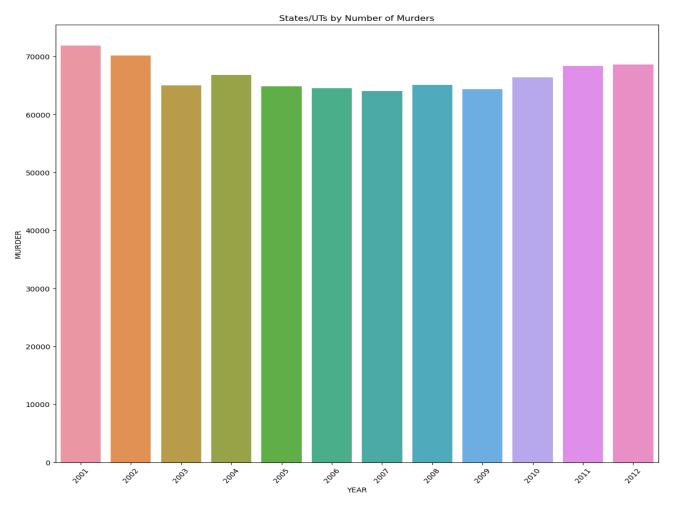


# Year wise number of crimes

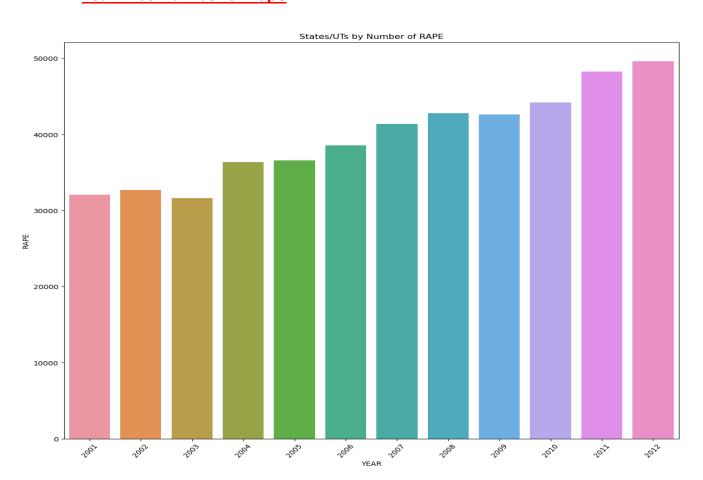
## Year wise total IPC crime (in lakhs)



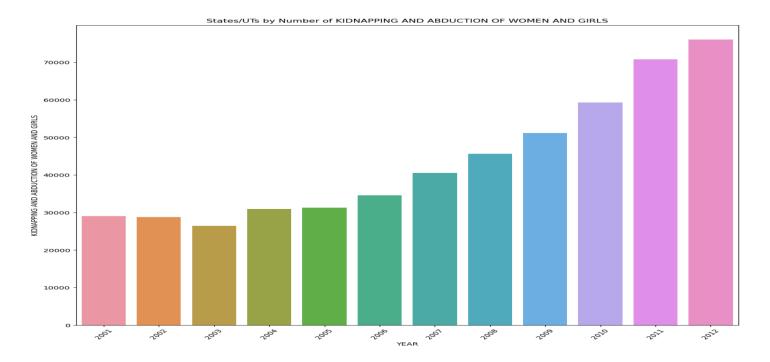
## **Year wise Number of Murder**



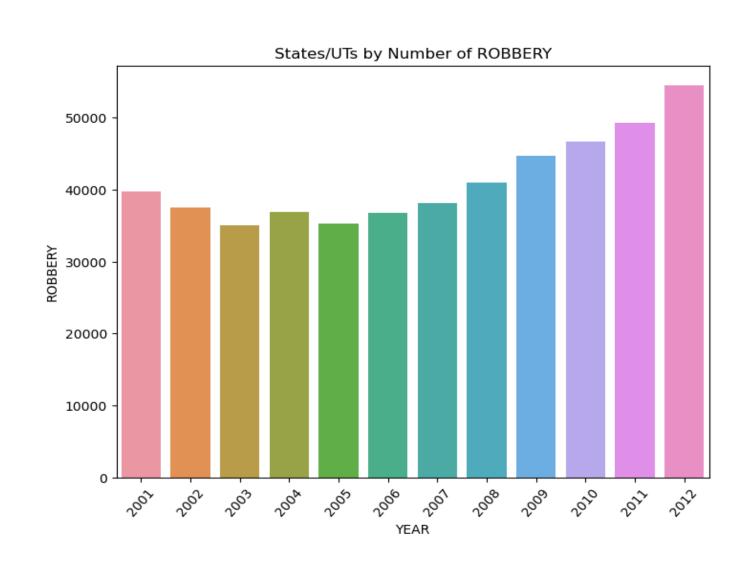
## **Year wise Number of Rape**



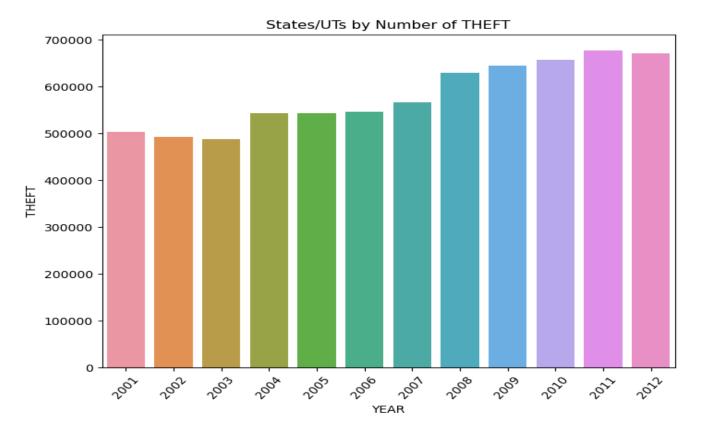
#### **Year wise Number of KIDNAPPING**



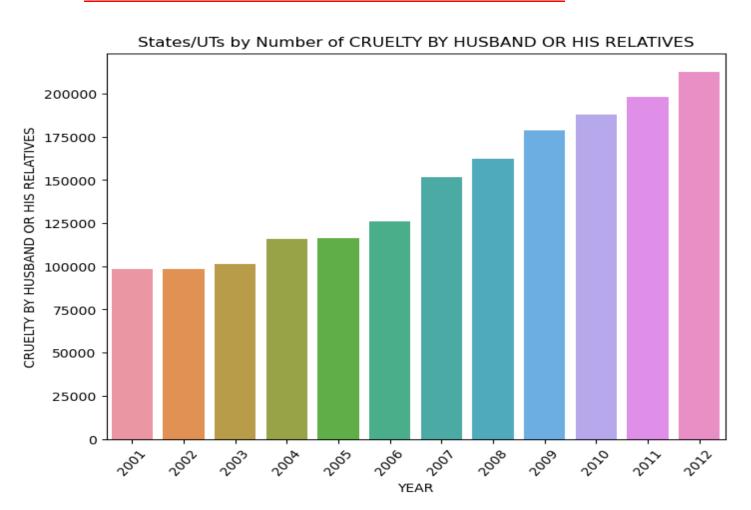
## **Year wise Number of Robbery**



#### **Year wise Number of Theft**

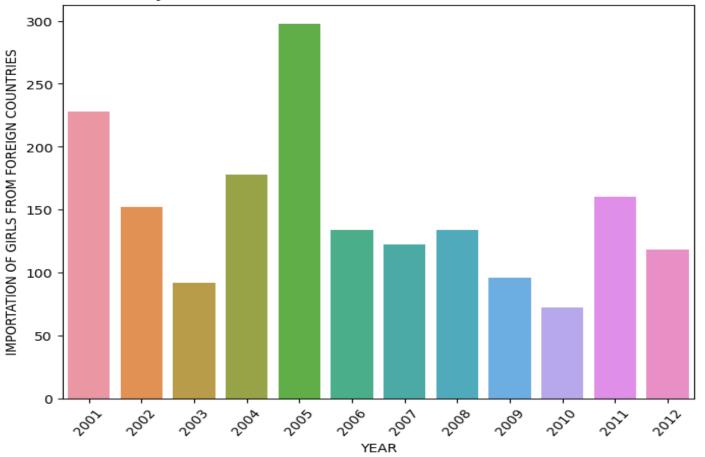


#### **Year wise Number of CRUELTY BY HUSBAND OR HIS RELATIVES**



#### Year wise Number of IMPORTATION OF GIRLS FROM FOREIGN COUNTRIES

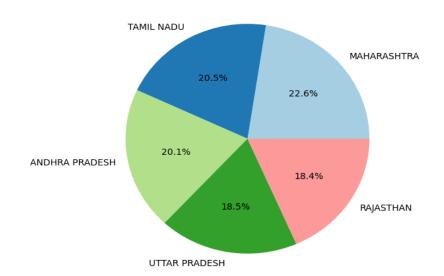
States/UTs by Number of IMPORTATION OF GIRLS FROM FOREIGN COUNTRIES



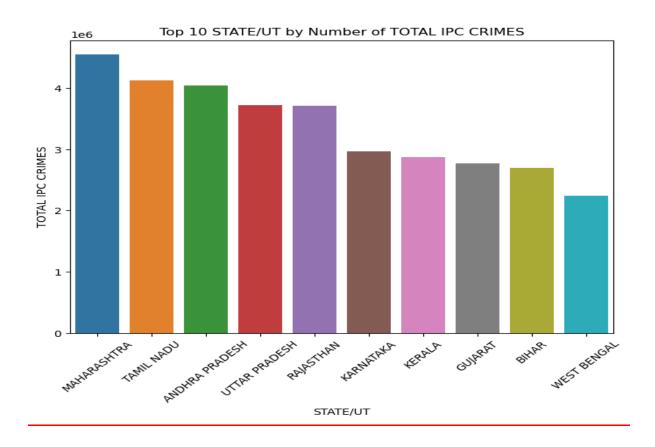
## State wise crime analysis

#### Top 5 most crime state in india through IPC crime

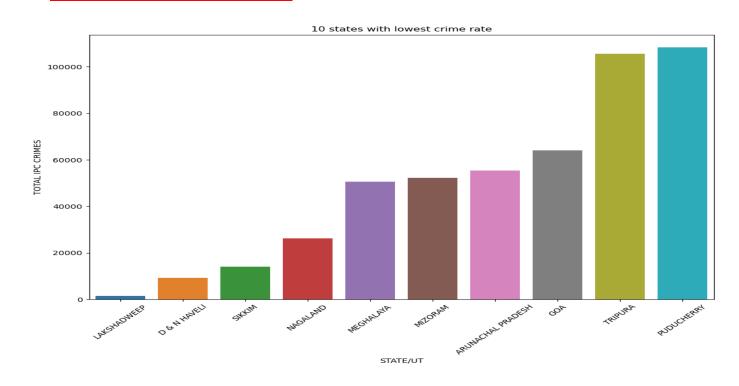
Top 5 most crime in State



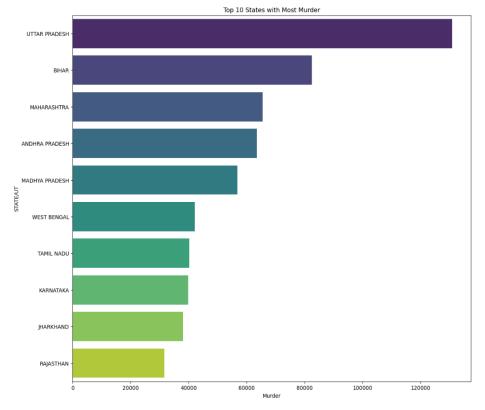
#### Top 10 most crime state in india through IPC crime

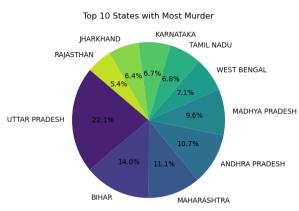


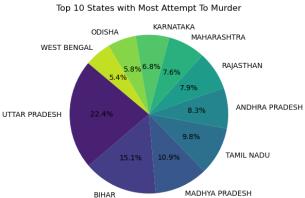
## Lowest crime rate state in India

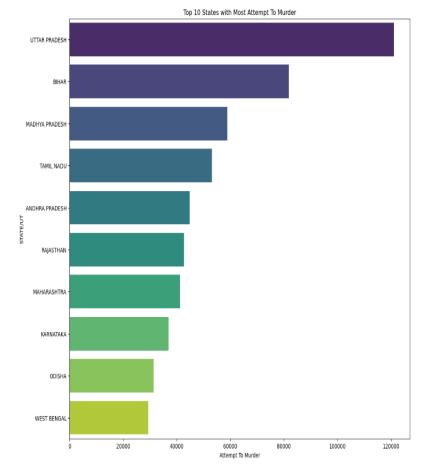


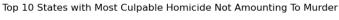
#### **Top 10 crime category wise state**

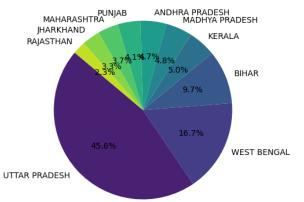


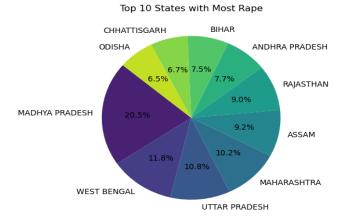


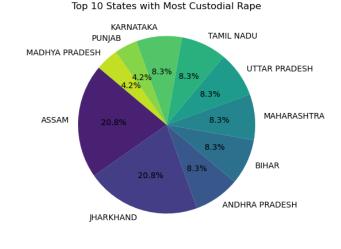




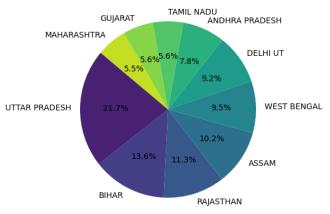


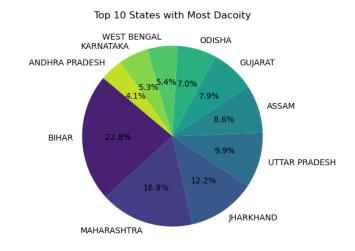


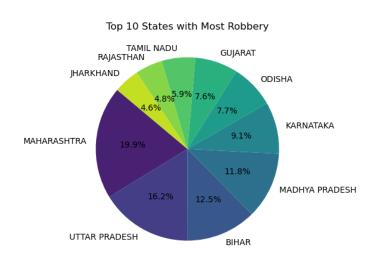


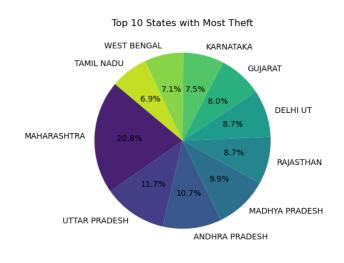




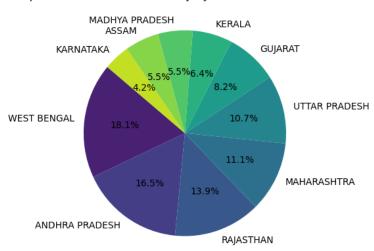




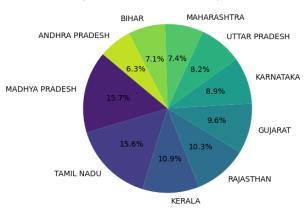




Top 10 States with Most Cruelty By Husband Or His Relatives







# Top 3 most crime state

STATE / UT	Murder	Attempt to murder	Culpable homicide	Most Rape	Most Kidnapping	Robbery	Total IPC Crimes
Madhya Pradesh	56798	58916	3668	72174	23916	5430	4827540
Maharashtra	65534	41178	2818	35972	30202	2454	4546872
Tamil Nadu	40254	53194	686	13904	30606	4875	4120352

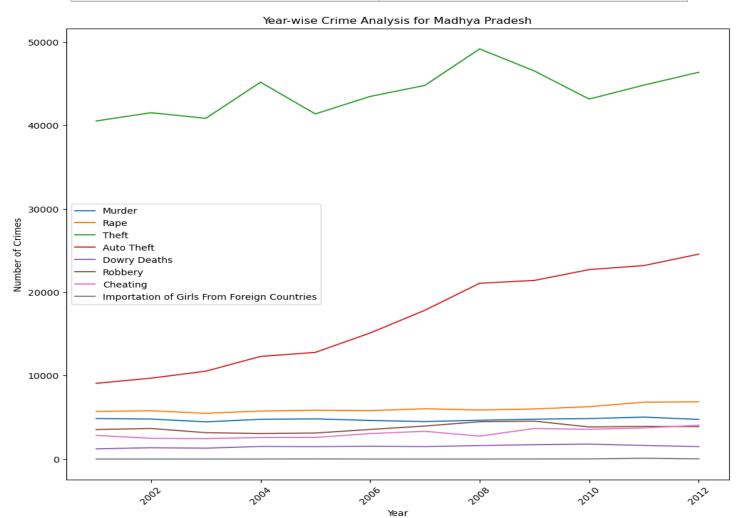
## **Top 3 Low crime state**

STATE / UT	Murder	Attempt to murder	Culpable homicide	Most Rape	Most Kidnapping	Robbery	Total IPC Crimes
Lakshdweep	6	12	0	14	2	20	1486
Daman & Due	216	62	6	112	282	188	9302
Sikkim	332	222	76	390	152	124	14000

# Top 3 most crime state analysis

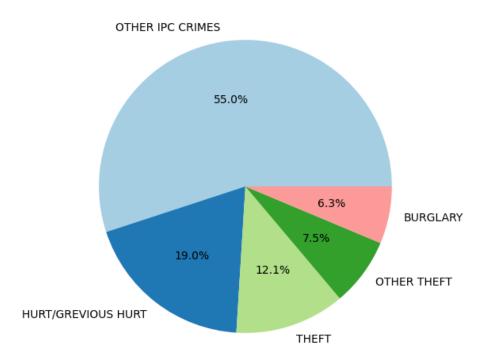
## 1. Top 10 most crime in Madhya Pradesh

Crime Category	Values
1. OTHER IPC CRIMES	2393164
2. HURT/GREVIOUS HURT	825154
3. THEFT	527720
4. OTHER THEFT	327496
5. BURGLARY	274692
6. AUTO THEFT	200224
7. ASSAULT ON WOMEN	159756
8. CAUSING DEATH BY NEGLIENCE	129938
<ol><li>CRUELTY BY HUSBAND OR HIS RELATIVES</li></ol>	79938
10. RAPE	72174

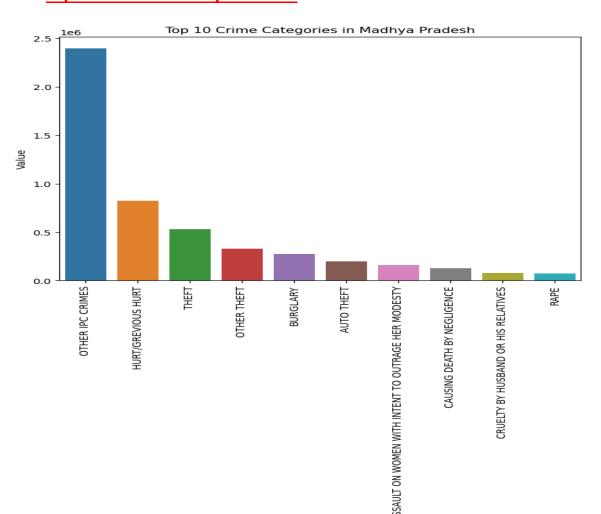


## Top 5 most crime in Madhya Pradesh

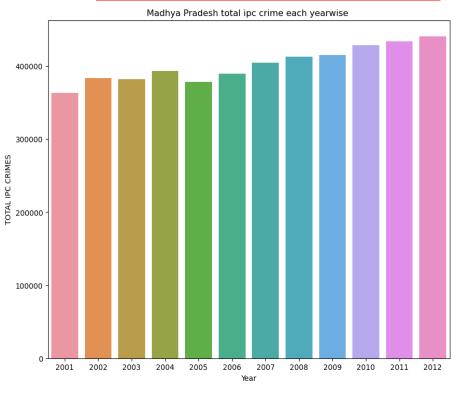
Top 5 most crime in Madhya pradesh

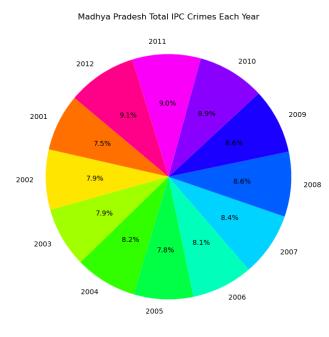


## **Top 10 crime in Madhya Pradesh**



#### **Total IPC crime in Madhya Pradesh Year wise**





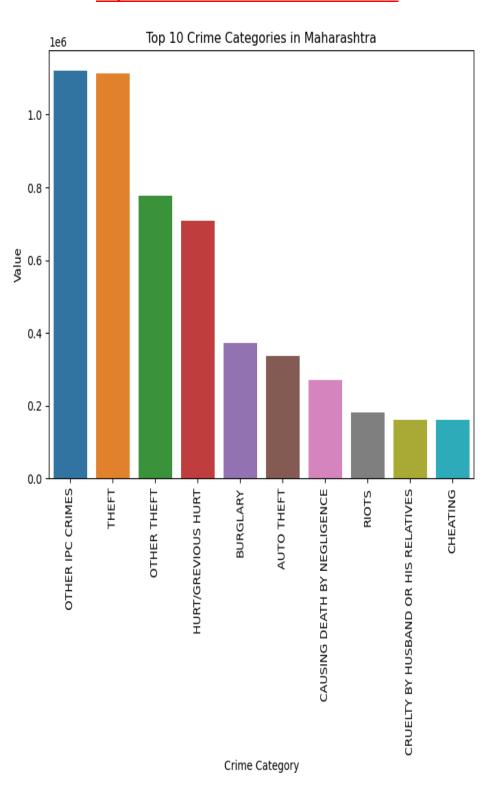
# 2. Top 2<sup>nd</sup> Most crime state is Maharashtra

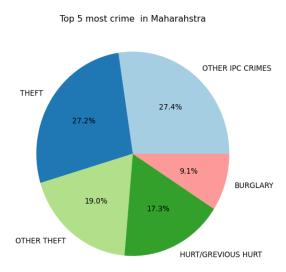
## Top 10 most crime in Maharashtra

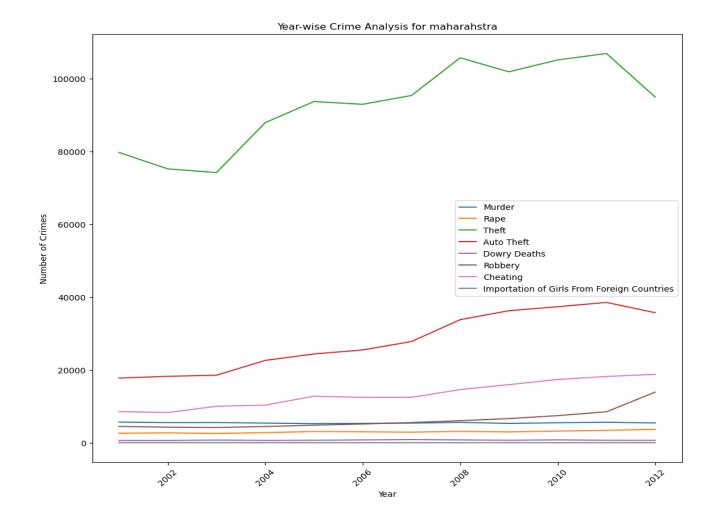
Crime Category	Values
1. OTHER IPC CRIMES	1120120
2. THEFT	1113614
3. OTHER THEFT	777150
4. HURT/GREVIOUS HURT	707520
5. BURGLARY	371234
6. AUTO THEFT	336464
7. CAUSING DEATH BY NEGLIENCE	269226

8. RIOTS	180488
9. CRUELTY BY HUSBAND OR HIS	160726
RELATIVES	
10. CHEATING	159804

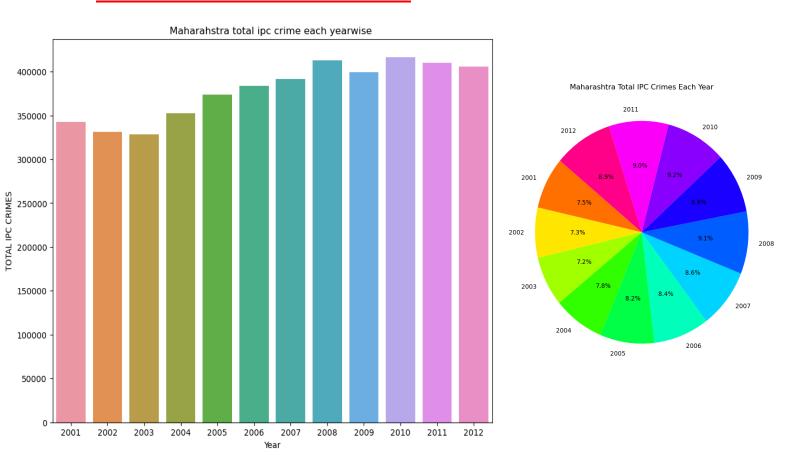
## Top 10 most crime in Maharashtra







## **Total IPC crimes in Maharashtra**

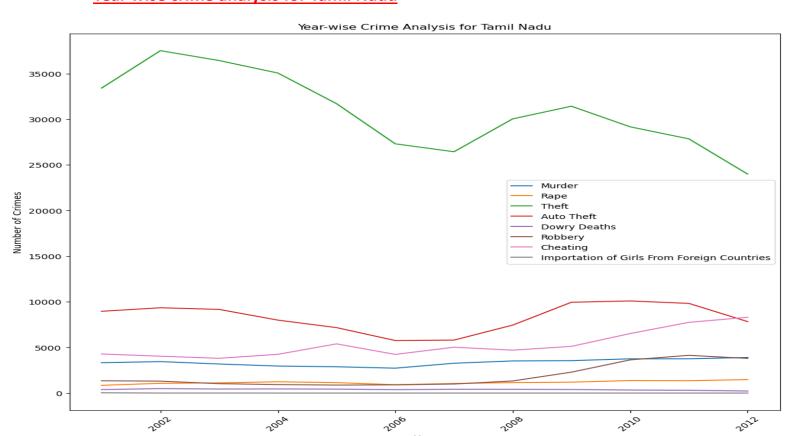


## 3. Top 3rd Most crime state is Tamil Nadu

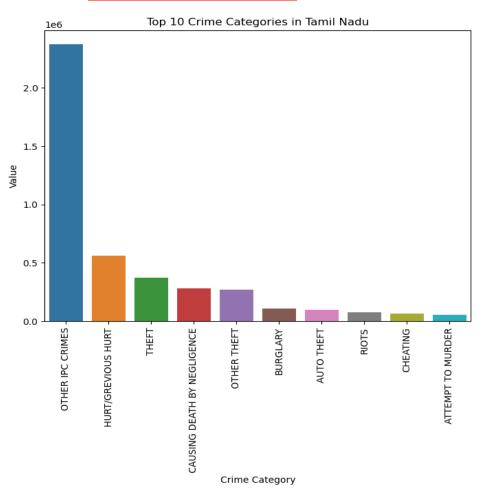
## Top 10 most crime in Tamil Nadu

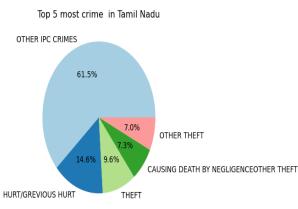
Crime Category	Values
1. OTHER IPC CRIMES	2372230
2. HURT/GREVIOUS HURT	561346
3. THEFT	370320
4. CAUSING DEATH BY NEGLIENCE	280386
5. OTHER THEFT	271014
6. BURLARY	106678
7. AUTO THEFT	99306
8. RIOTS	74736
9. CHEATING	63378
10. ATTEMPT TO MURDER	53194

## Year wise crime analysis for Tamil Nadu

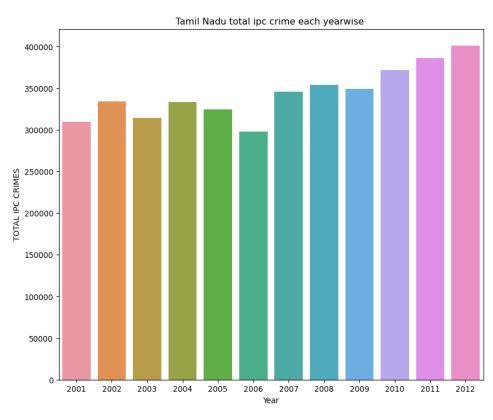


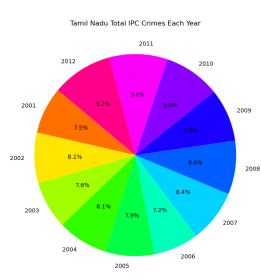
#### **Top 10 crime in Tamil Nadu**





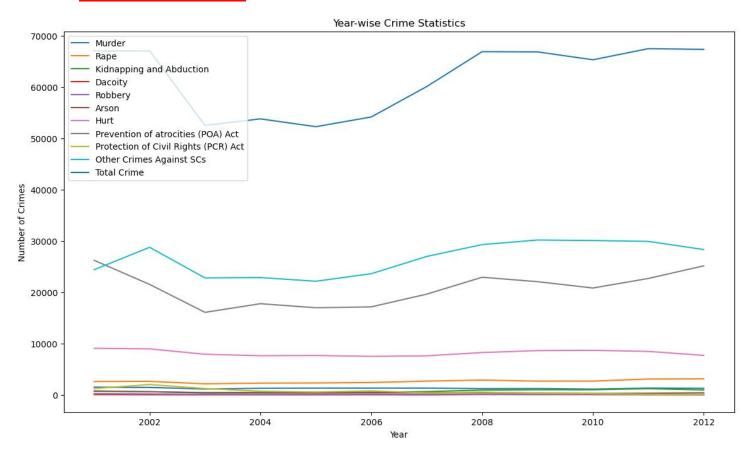
#### Year wise total IPC crimes in Tamil Nadu



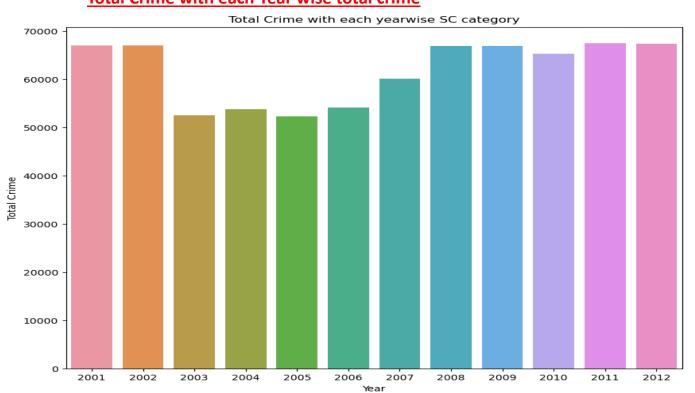


# **Crime Against Sc Category**

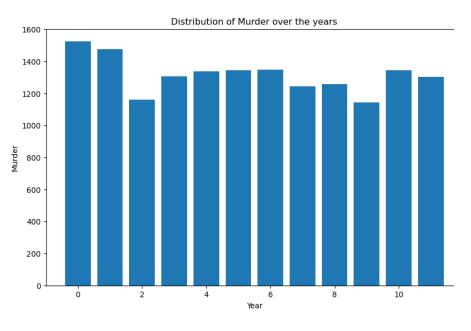
#### **Year wise Statistics**

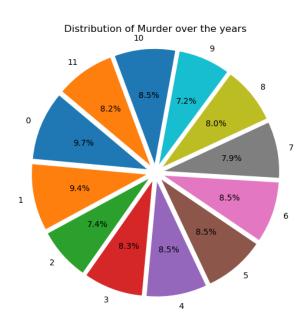


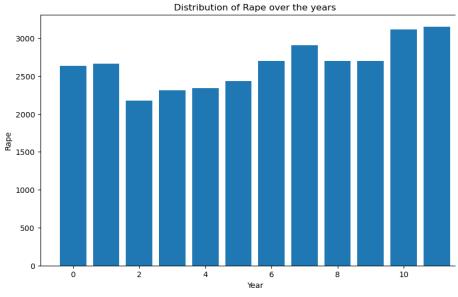
#### **Total Crime with each Year wise total crime**

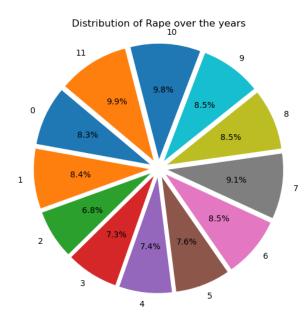


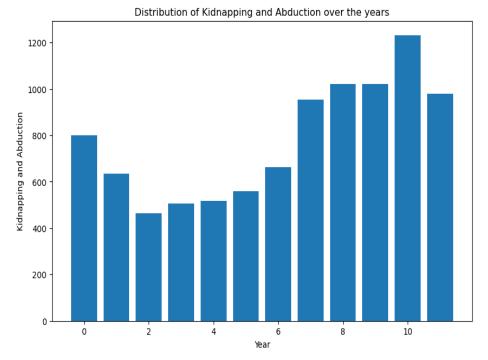
#### Year wise all crime distributed

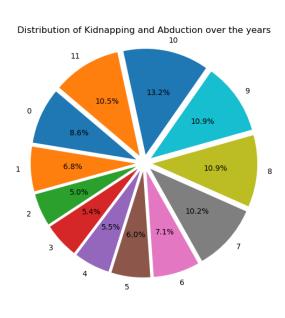


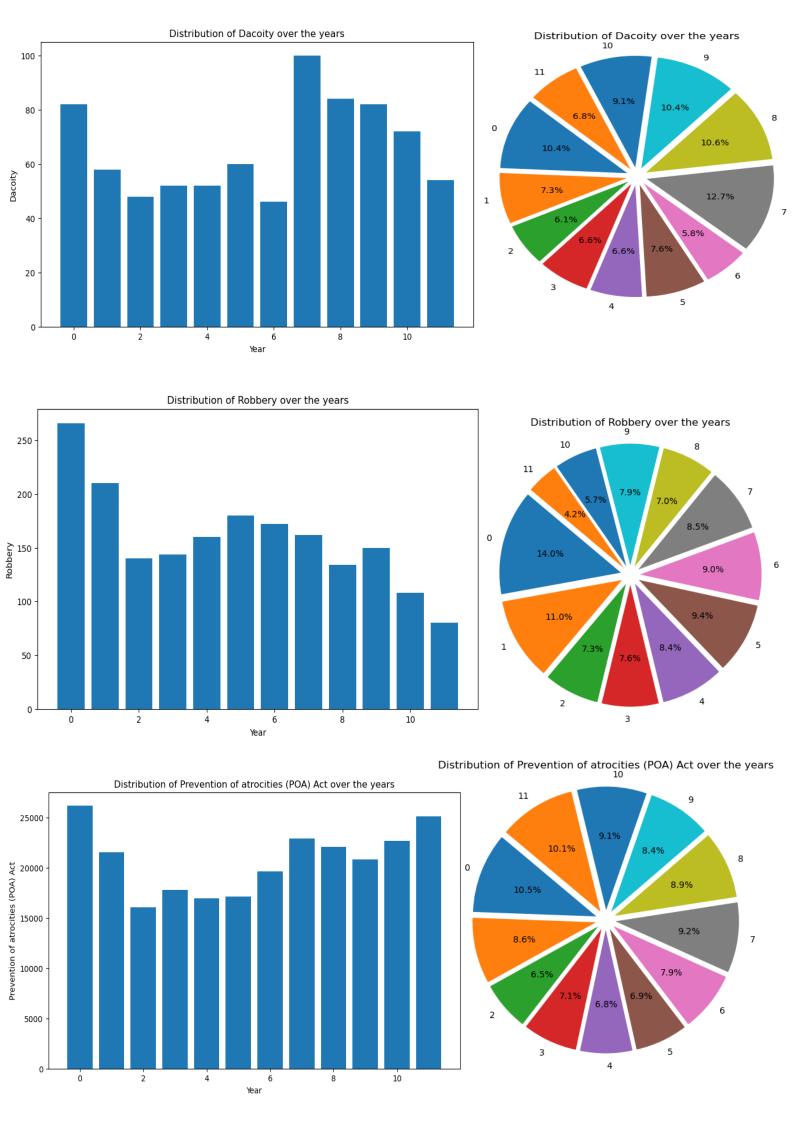




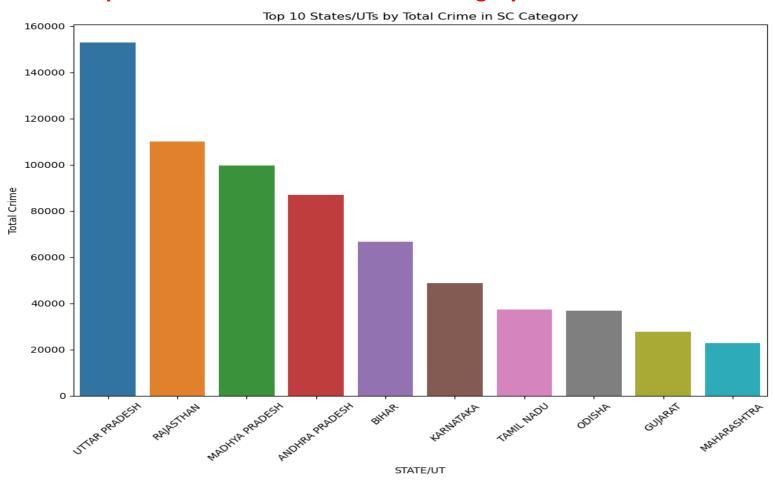




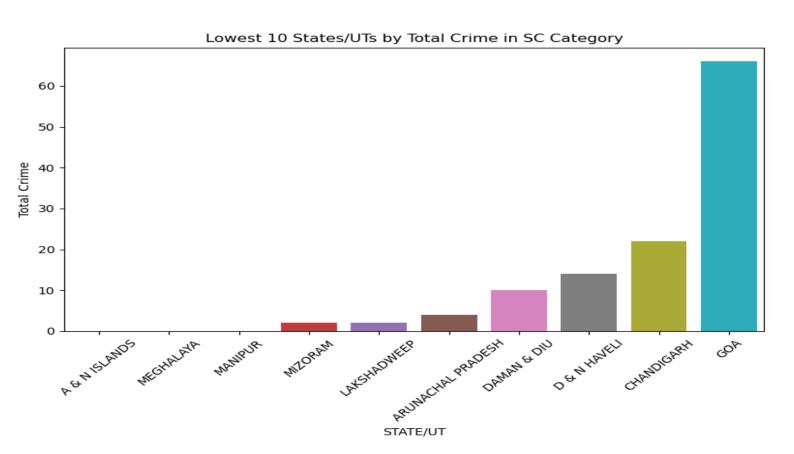




**Top 10 State wise total Crime in SC Category** 

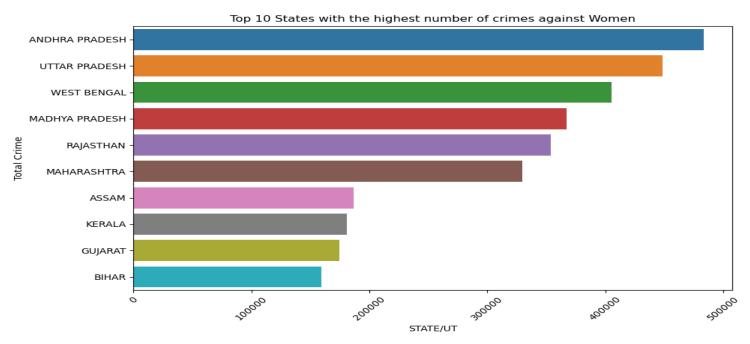


#### 10 states with least crime

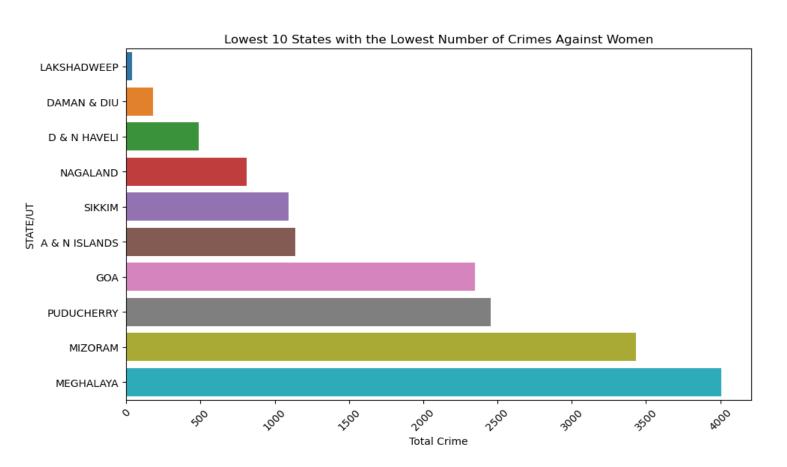


# **Crime Against in Women**

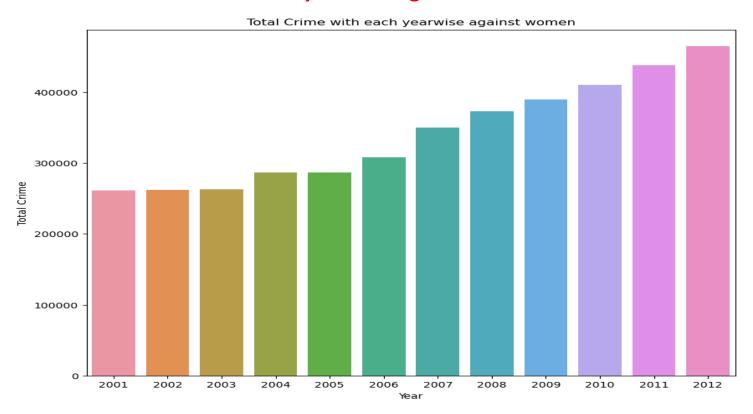
# Top 10 States with the highest number of crimes against Women



**Lowest 10 States with the Lowest Number of Crimes Against Women** 

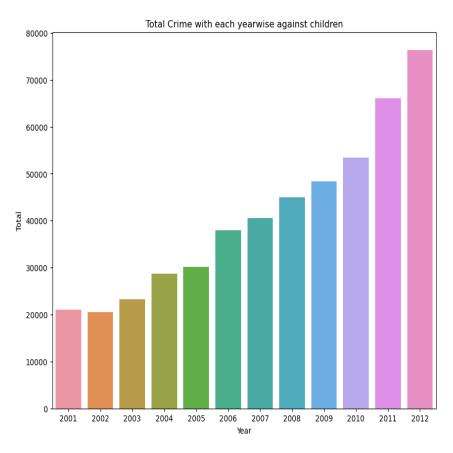


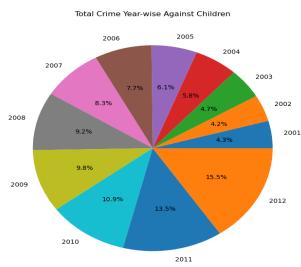
## Total Crime with each yearwise against women



# Crime against children

## Total crimes against children each year





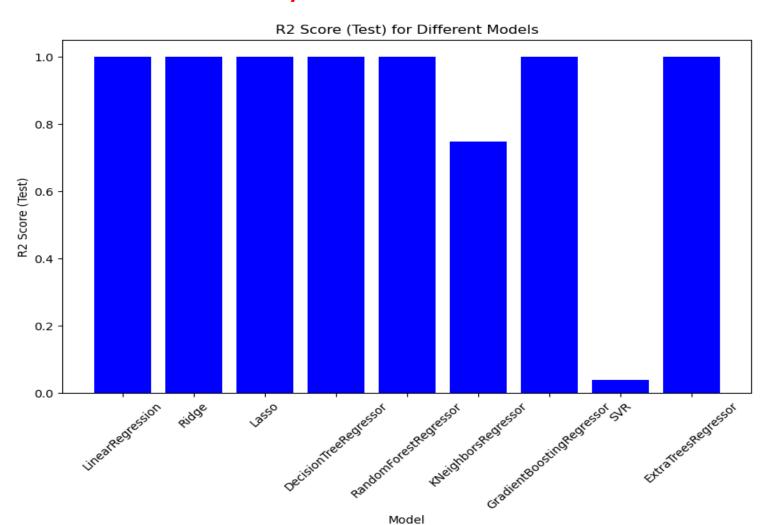
## In IPC Crime Datasets Accuracy

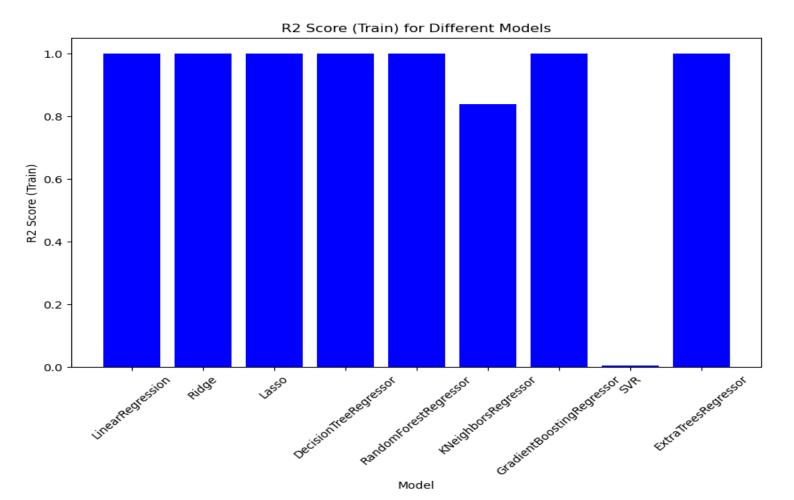
#### Columns

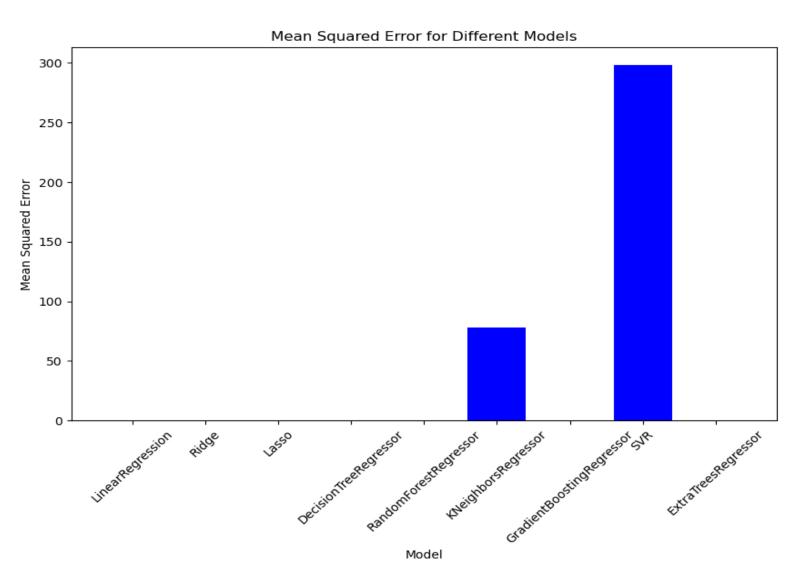
- 1. STATE/UT
- 2. YEAR
- 3. MURDER
- 4. ATTEMPT TO MURDER
- 5. CULPABLE HOMICIDE NOT AMOUNTING TO MURDER
- 6. RAPE
- 7. CUSTODIAL RAPE
- 8. OTHER RAPE
- 9. KIDNAPPING & ABDUCTION
- 10. KIDNAPPING AND ABDUCTION OF WOMEN AND GIRLS
- 11. KIDNAPPING AND ABDUCTION OF OTHERS
- 12. DACOITY
- 13. PREPARATION AND ASSEMBLY FOR DACOITY
- 14. ROBBERY
- 15. BURGLARY
- 16. THEFT
- 17. AUTO THEFT
- 18. OTHER THEFT
- 19. RIOTS
- 20. CRIMINAL BREACH OF TRUST
- 21. CHEATING
- 22. COUNTERFIETING

- 23. ARSON
- 24. HURT/GREVIOUS HURT
- 25. DOWRY DEATHS
- 26. ASSAULT ON WOMEN WITH INTENT TO OUTRAGE HER MODESTY
- 27. INSULT TO MODESTY OF WOMEN
- 28. CRUELTY BY HUSBAND OR HIS RELATIVES
- 29. IMPORTATION OF GIRLS FROM FOREIGN COUNTRIES
- 30. CAUSING DEATH BY NEGLIGENCE
- 31. OTHER IPC CRIMES
- 32. TOTAL IPC CRIMES

## **Now Check Accuracy**







#### Note -

- 1. As you can see, crime against womens and children kept increasing with time. So you can say that nothing has changed from 2001 to 2012, crime has continued to increase over time.
- 2. Crime is very less in Lakshadweep, Daman and Diu and Sikkim.
- 3. IPC crime datasets, crime has increased every year from 2001 to 2012.
- 4. There is a lot of crime against womens in Andhra Pradesh and Uttar Pradesh.
- 5. If crime continues to increase like this every year then a very tragic situation may arise in the future.
- 6. So you can see if our best model for these dataset is 'Linear Regression', 'Ridge' and 'Lasso'

# **THANK YOU**