

The Dark Side of Digital India: Cyber Crime Analysis

*State-Wise Cyber
Crime Analysis in
India (2013-
2023)*

*City-Wise Cyber
Crime Analysis in
India (2020-
2022)*

*Cyber Crime
Categories Across
States : A Data-
Driven Overview*

*The Cost of Cyber
Crime in India :
Financial Loss
Analysis*

*Cyber
Exploitation in
India: Women &
Children at Risk
(2022)*

*Tracking Cyber
Crime
Investigations :
State-Wise
Analysis (2022)*

*Tracking Cyber
Crime
Investigations :
City-Wise
Analysis (2022)*

*Tracking Cyber
Crime
Investigations:
Category-Wise
Insights (2022)*

*Insights &
Recommendation*



State-Wise Cyber Crime Analysis in India (2013-2023)

State/UTs

All

Year

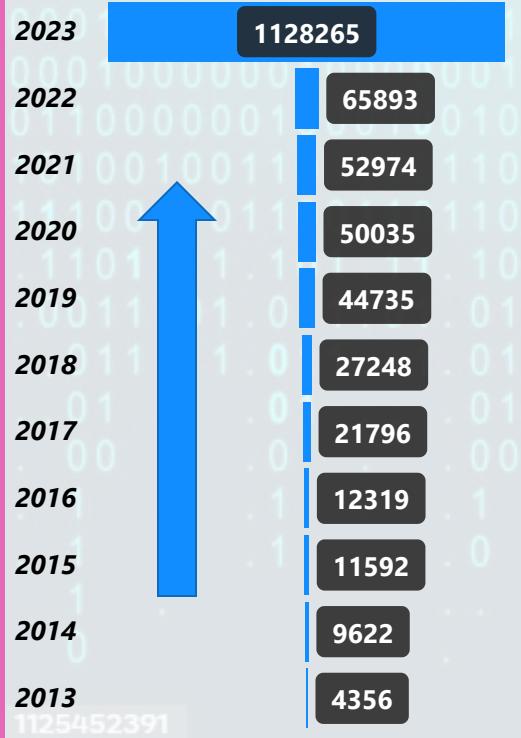
2023

1M

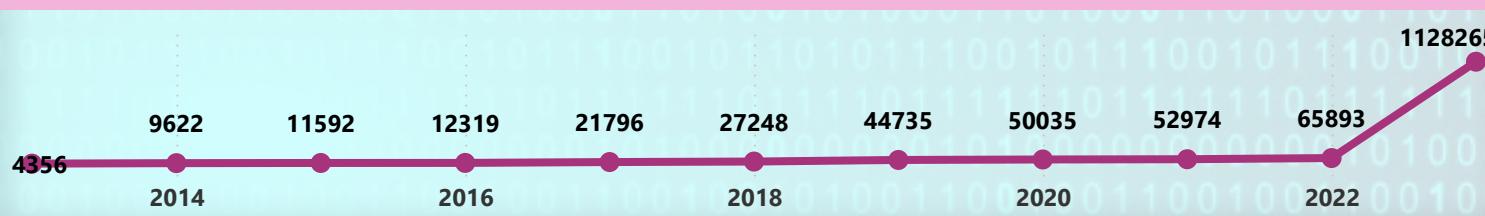
Total Registered Cyber Crime (2013-23)

1428835

Year Wise Total Registered Cyber Crime



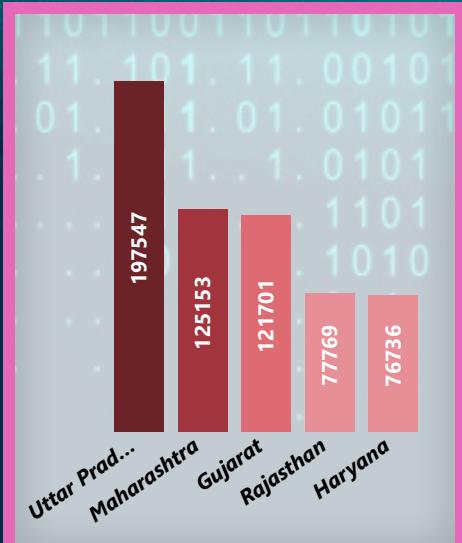
State Wise No. of Registered Cases by Year (Trend Line Year 2013-23)



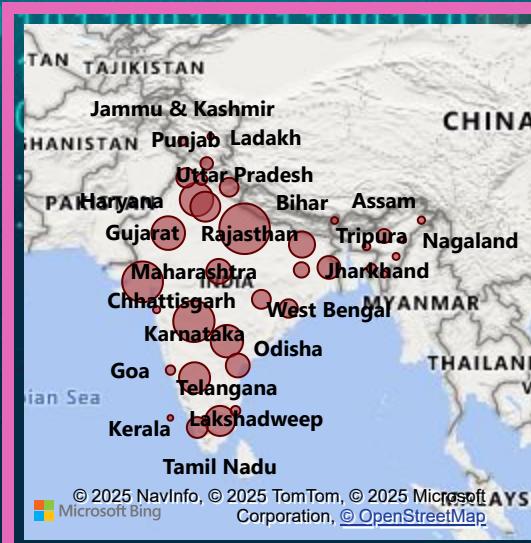
State Wise Total Registered Cyber Crime (2013-2023)



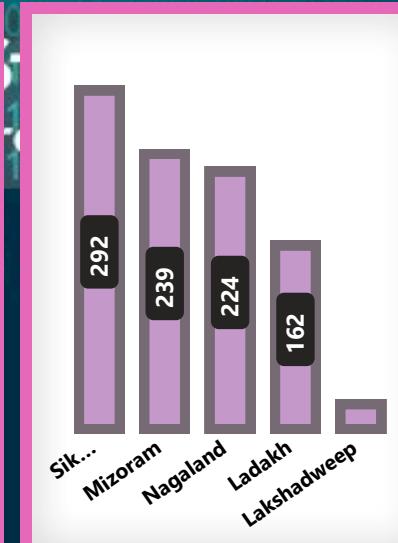
Most Affected Top-5 State (2013-23)



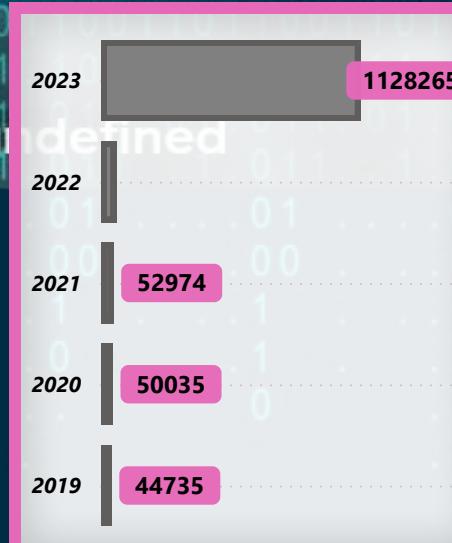
State & Year Wise registered Cyber Crime



Least Affected Top-5 State (2013-23)



Most Affected Top-5 Years (2013-23)



City-Wise Cyber Crime Analysis in India (2020-2022)

City

All

Year

2022

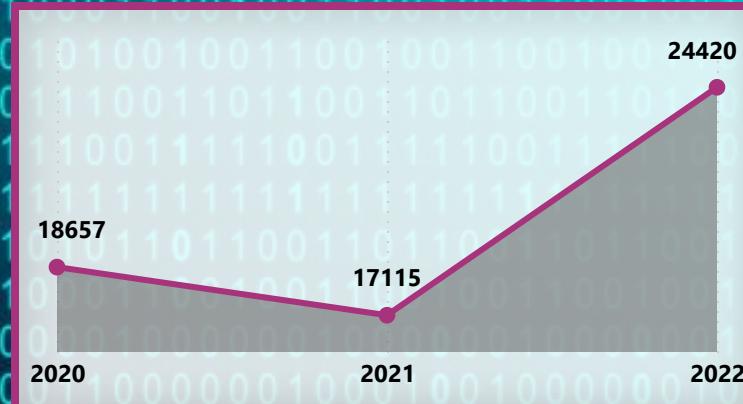
Population (Lakh)(2011)

Registered Cyber Crime

Cyber Crime Rate(%) 2022

Total Registered Cyber Crime in the Cities (2020-22)

Year & City Wise Registered Cyber Crime (2020-22)



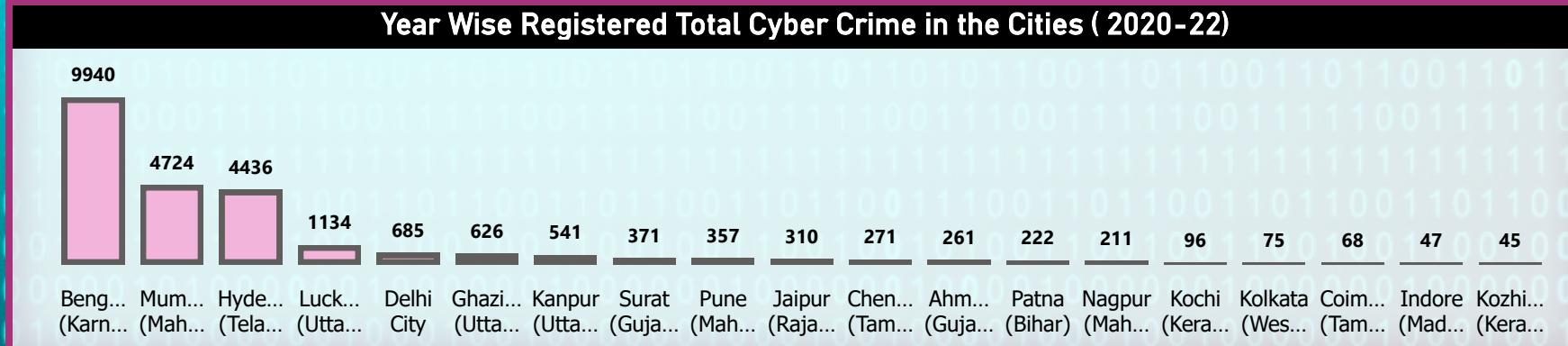
1141

24K

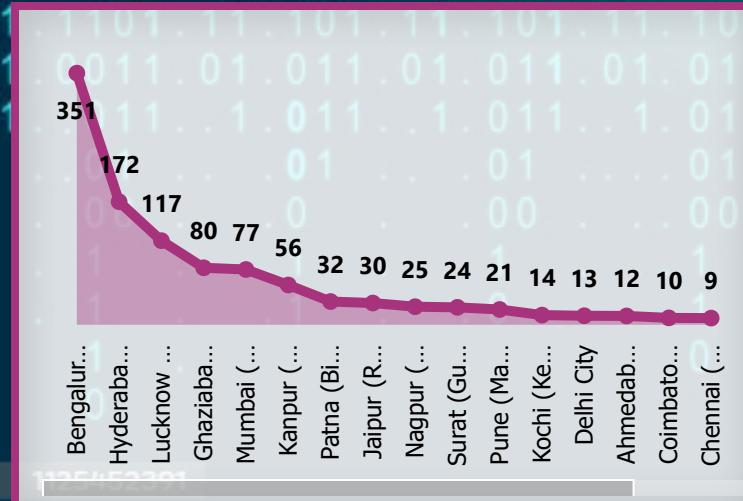
352.50

60192

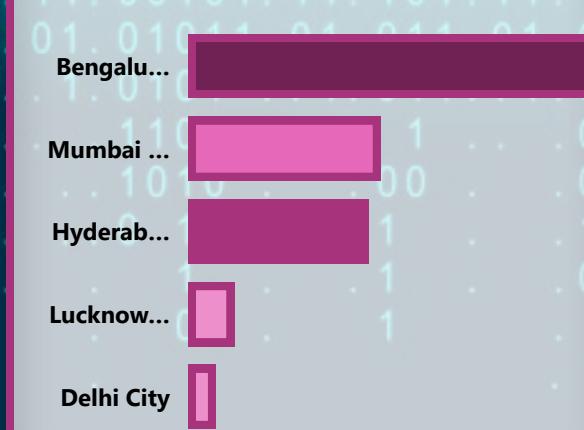
Year Wise Registered Total Cyber Crime in the Cities (2020-22)



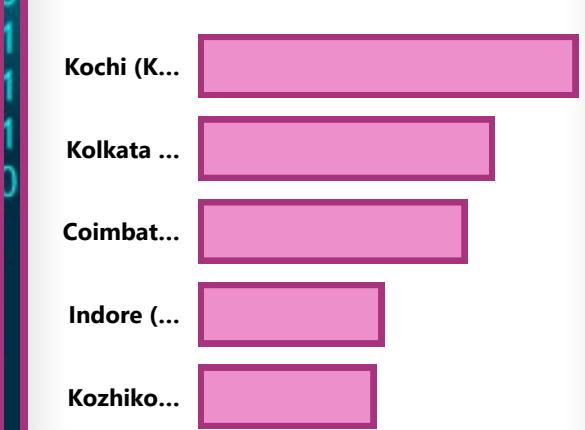
City Wise Cyber Crime Rate % (2022)



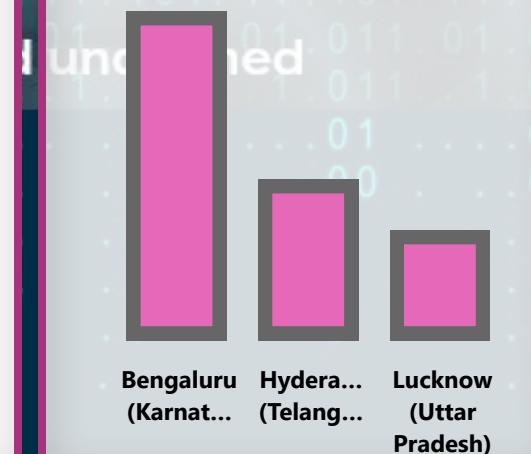
Top 5 Cities with Highest Registered Cyber Crime (2020-22)



Top 5 Cities with Lowest Registered Cyber Crime (2020-22)



Top 3 cities With Highest Cyber Crime Rate % (2022)



Cyber Crime Categories Across States : A Data-Driven Overview

State wise Registered Cyber Crime Under Different Categories - 2022

State/UT

All

Type of Cyber Crime

Cyber Stalking/Bullying of ...

1468

State & Year (2018-22) Wise Credit card/Debitcard/ATMs/OTP Related Registered Cyber Crime

Year

2022

Financial Cyber Fraud T...

All

35K

Motive Behind Cyber Attack

All

State/UT

All

56K

Main Motive Behind Cyber Crime

Fraud 42887

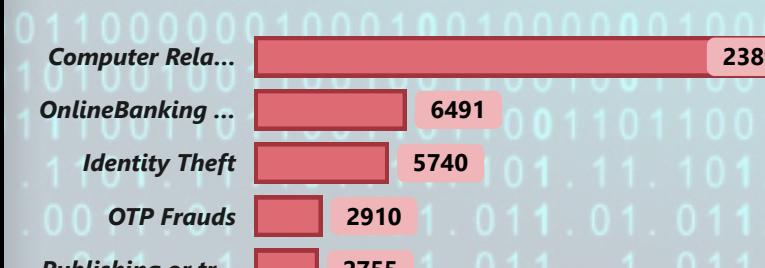
Extortion 3663

Sexual Expl... 3487

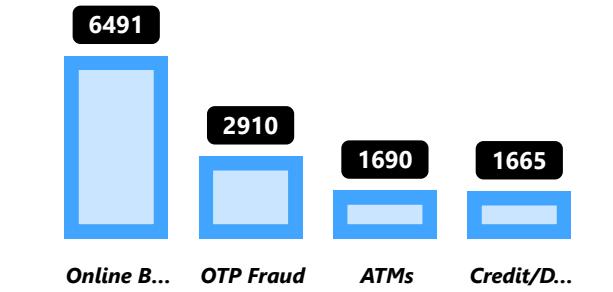
Causing Disr... 2064

Developing ... 1068

Highest No. Of Cyber Crime Registered Under This Category in 2022



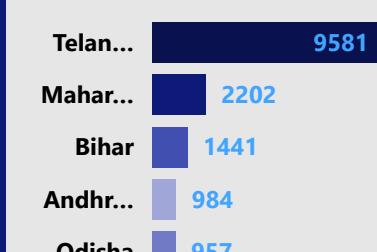
Total Registered Finance Related Cyber Crime 2018-2022



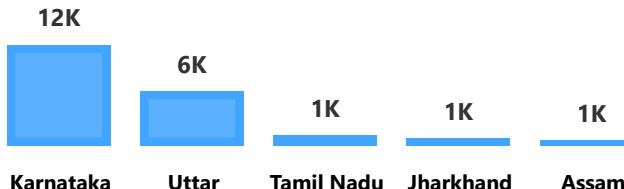
2018-22 Total Finance Related Cyber Crime

2022	17470
2021	14007
2020	10395
2019	6229
2018	...

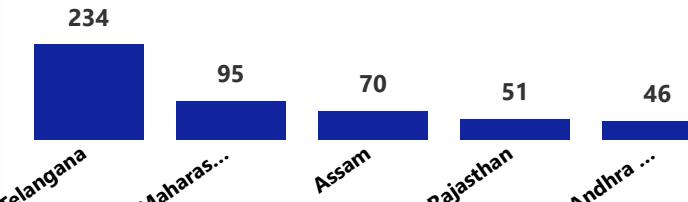
Top-5 State Highest No. of Finance Related Crime 2018-22



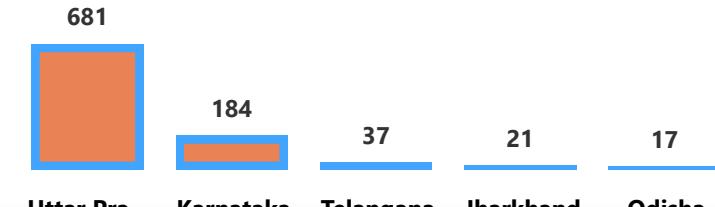
Top State - Computer Related Offences : 2022



Top State - CyberBlackmailing/Thretring : 2022



Top State - Ransomware : 2022



The Cost of Cyber Crime in India : Financial Loss Analysis

State-Wise 'Extent of Loss in ₹ Crore reported by Commercial Banks and All India Financial Institutions, under the category "Cards/internet - credit cards, ATM/debit cards and internet banking"

State

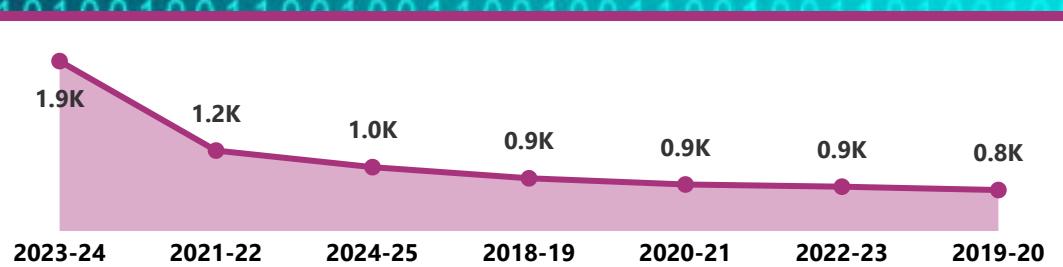
All

Financial Year

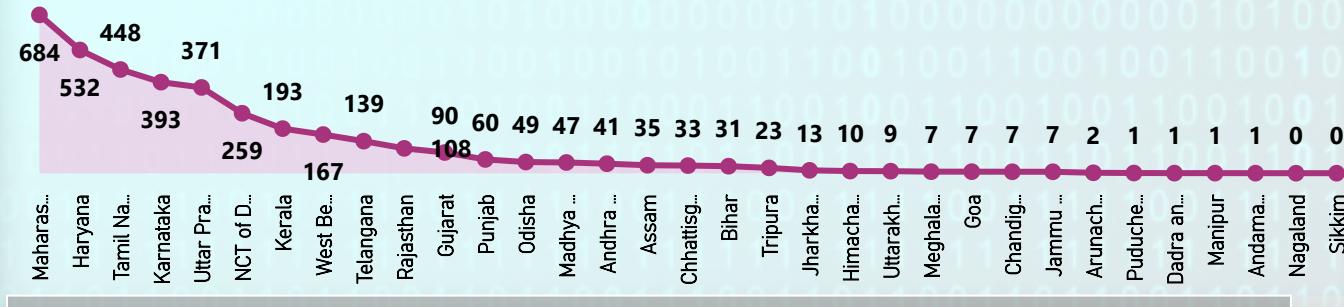
All

Financial Loss (Cr.)

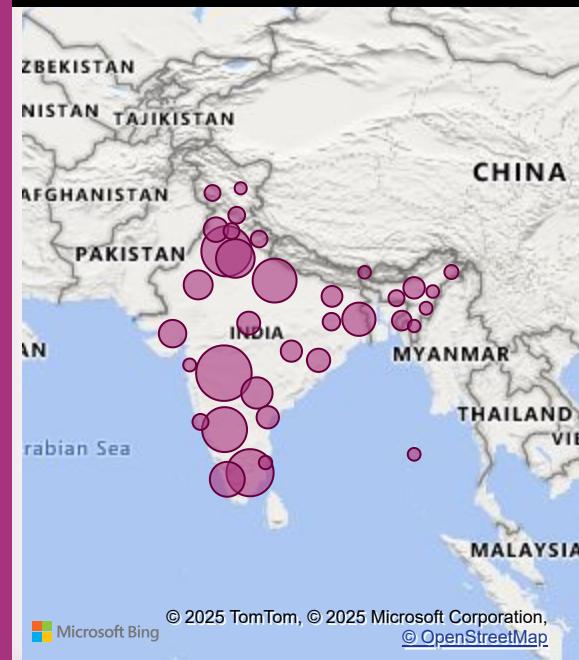
7.54K



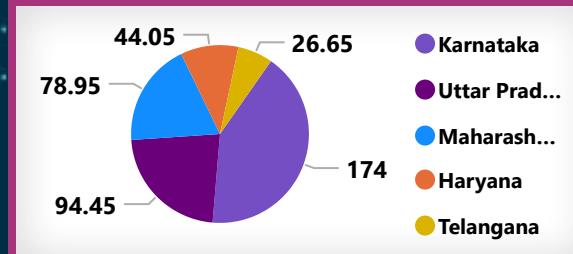
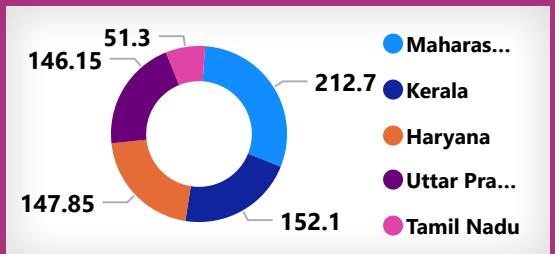
State Wise Financial Loss (Rs. in Cr) Due To Cyber Fraud (FY 2018-19 to FY 2024-25)



Loss Value(Rs. in Cr) by State Map



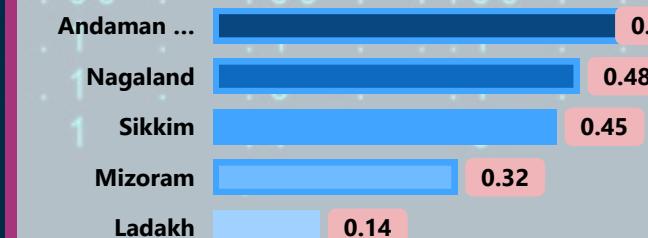
Latest Update : Most Affected 5 State FY 2023-24 & FY 2024-25 (Loss Value Rs.in Cr.)



Most Affected 5 State (2018-25) (Total Loss Rs. in Cr)



Least Affected 5 State (2018-25) (Total Loss Rs. in Cr)



Cyber Exploitation in India: Women & Children at Risk (2022)

State/UT

All

Type Of Cyber Crime Against Womens -2022

Total Cyber Crimes against Women

14K

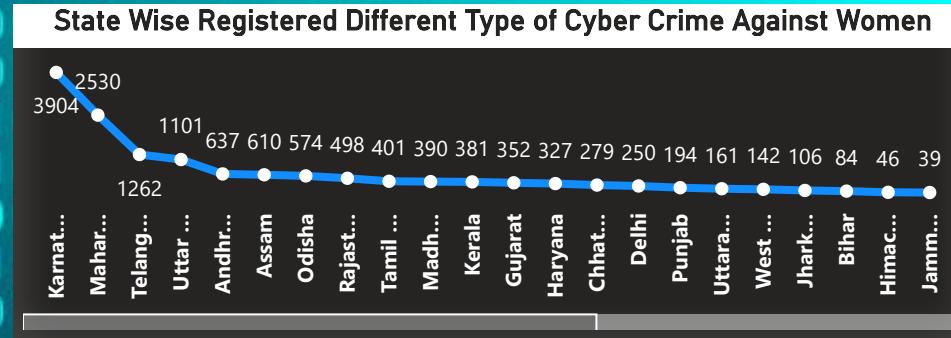
Type Of Cyber Crime Against Children-2022

Total Cyber Crimes against Children

1823

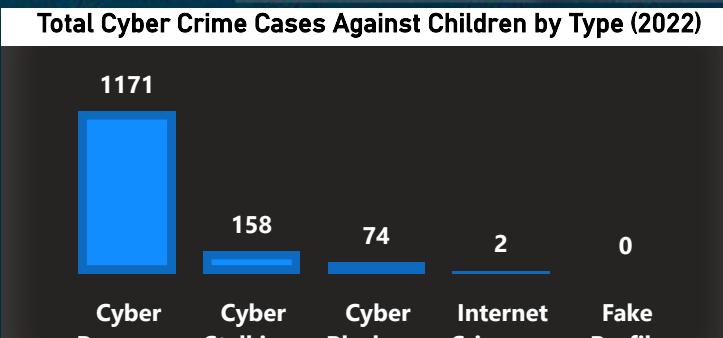
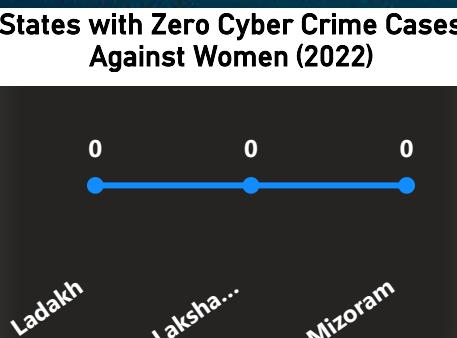
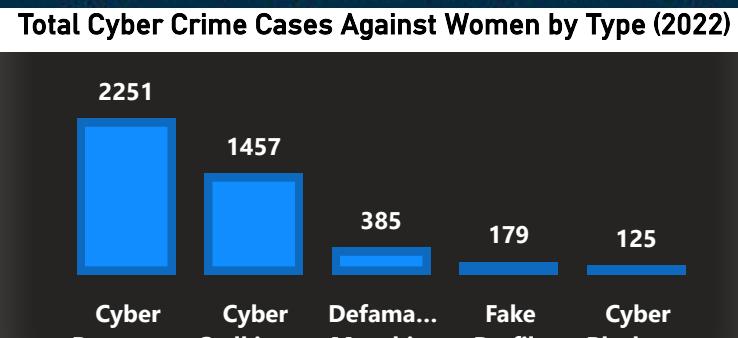
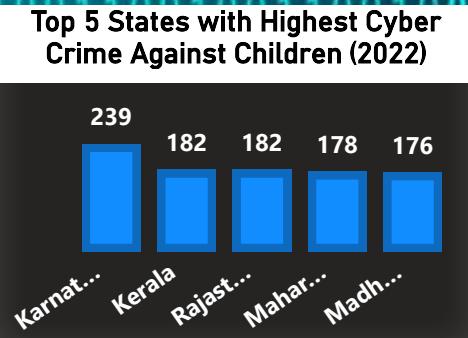
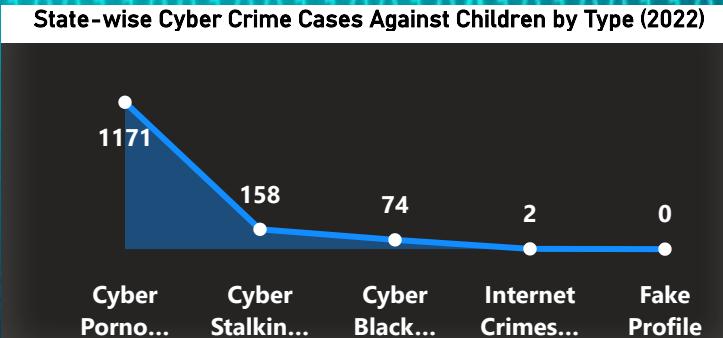
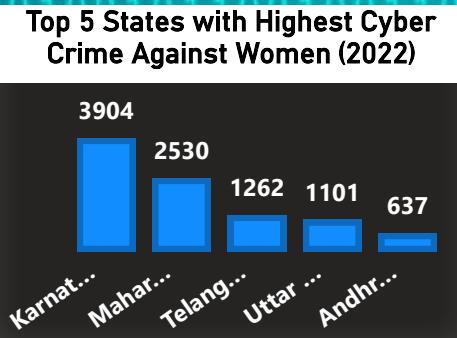
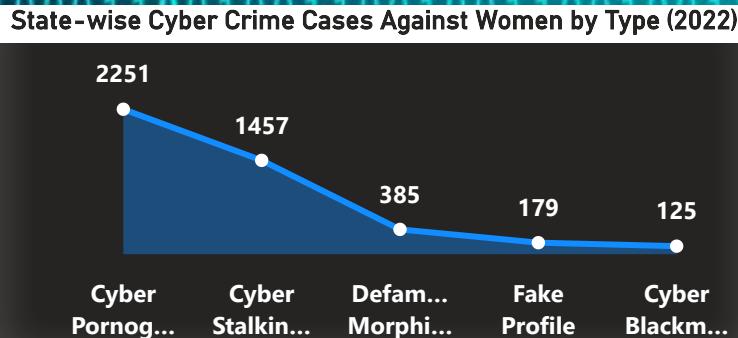
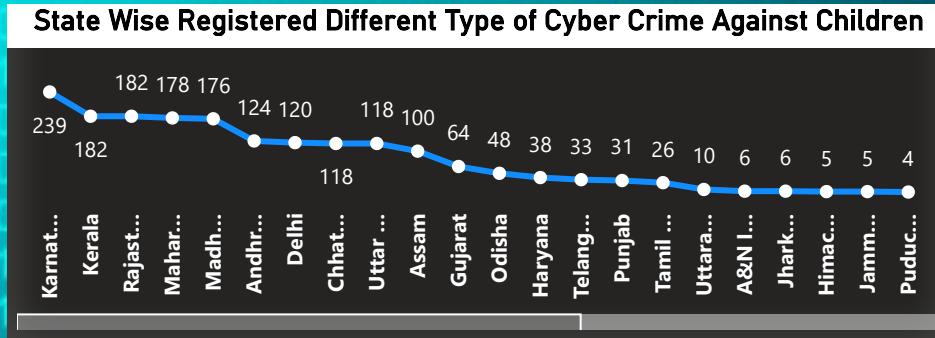
Total Cyber Crime Against Women

14K

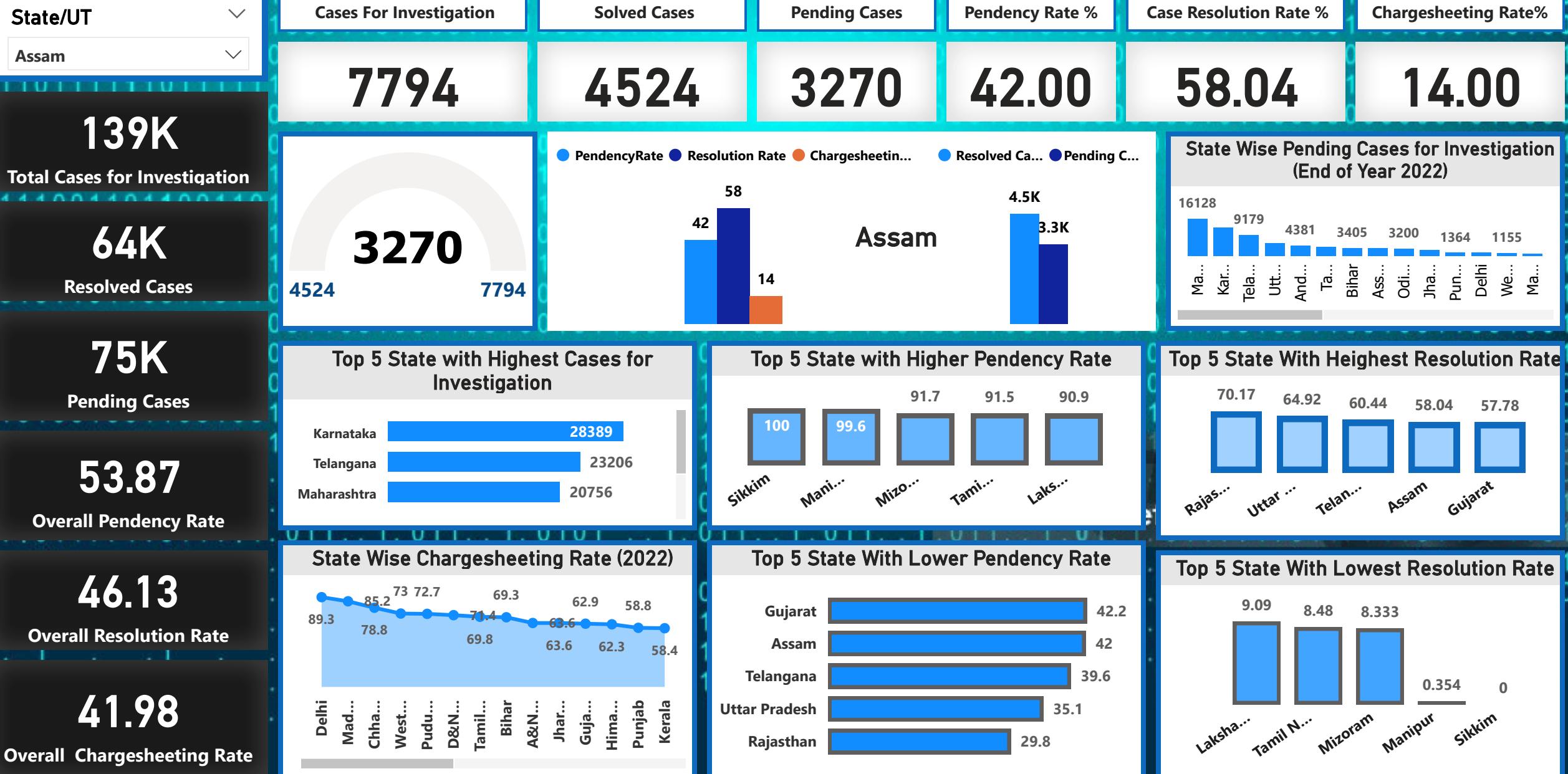


Total Cyber Crime Against Children -2022

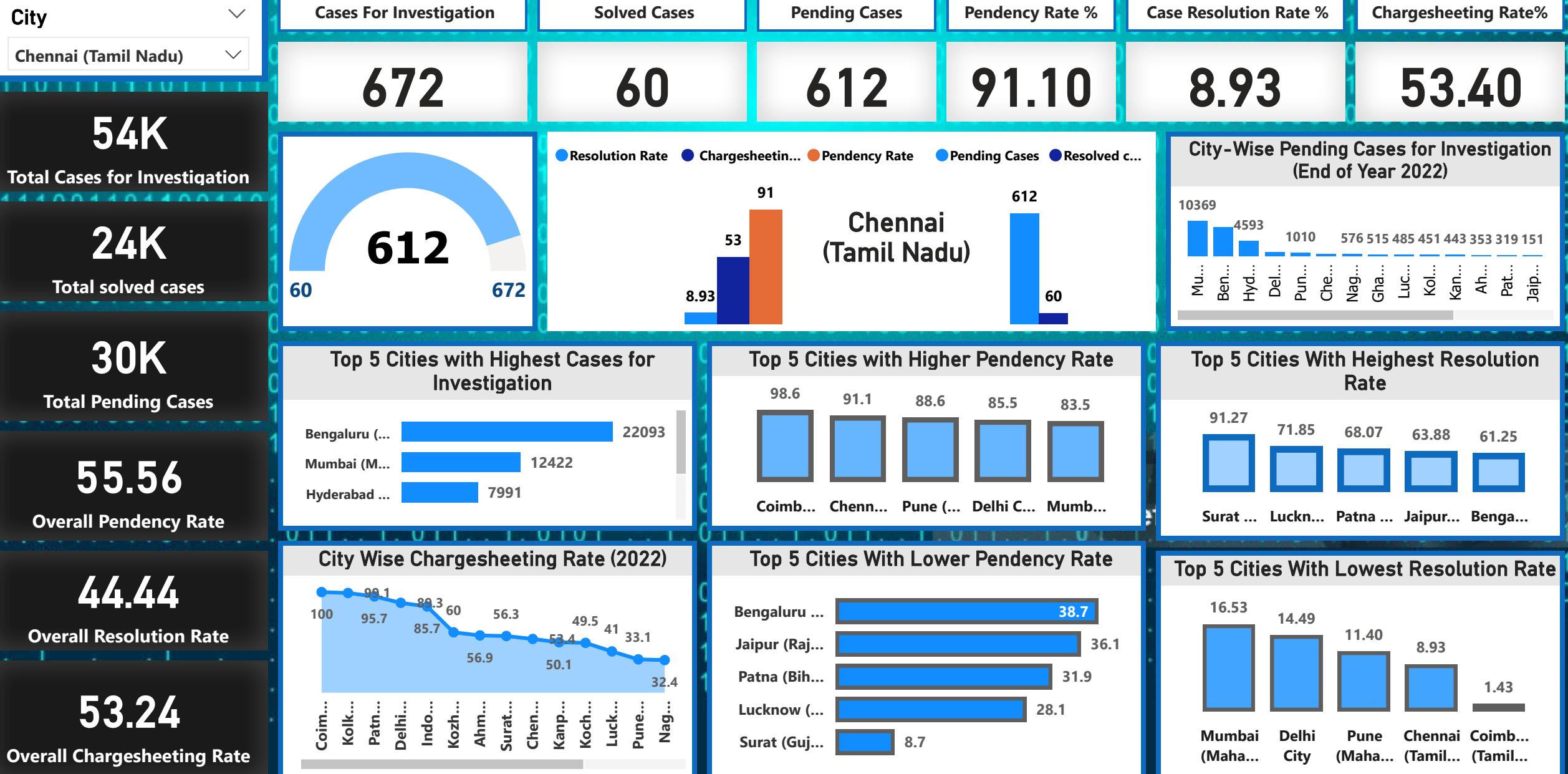
1823



Tracking Cyber Crime Investigations : State-Wise Analysis (2022)



Tracking Cyber Crime Investigations : City-Wise Analysis (2022)



Tracking Cyber Crime Investigations: Category-Wise Insights (2022)

Crime Head

Cheating

Cases For Investigation

20K

Solved Cases

8306

Pending Cases

12K

Pendency Rate %

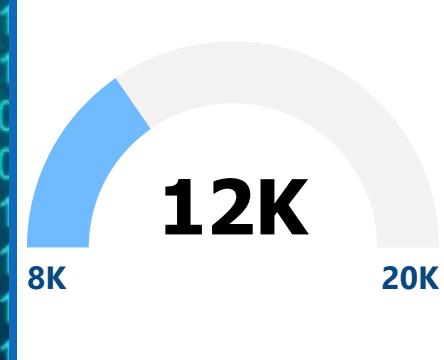
59.10

Case Resolution Rate %

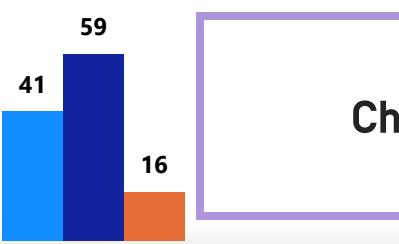
40.94

Chargesheeting Rate%

15.50

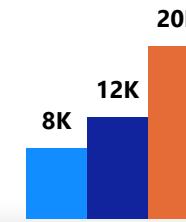


● Resolution Rate ● Pendency Rate ● Chargesheeting Rate

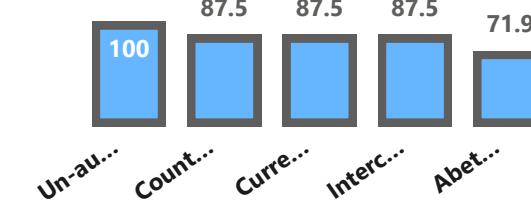


Cheating

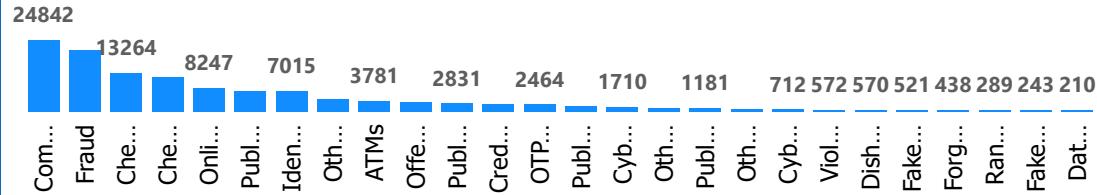
● Resolved Cases ● Pending Cases ● Total Cases



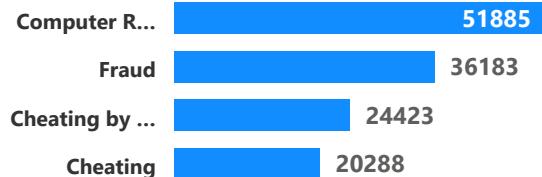
Top 5 Cyber Crime with Higher Pendency Rate



Crime Head Wise Pending Cases for Investigation (End of Year 2022)



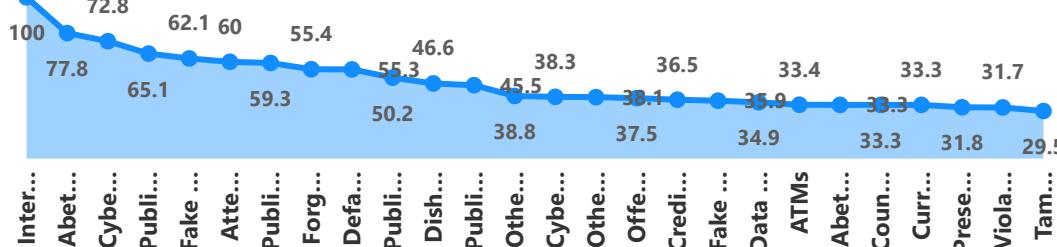
Top 5 Cyber Crime with Highest Cases for Investigation



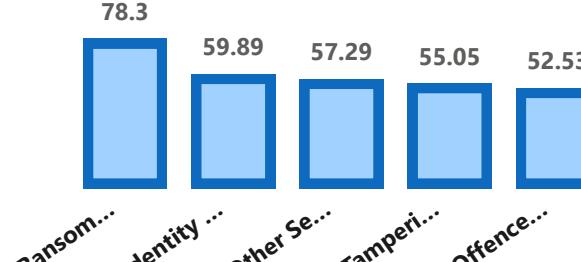
Top 5 Cyber Crime With Lower Pendency Rate



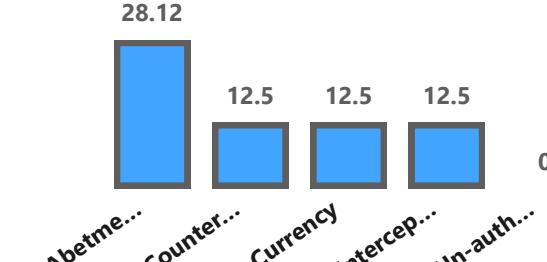
Crime Head Wise Chargesheeting Rate (2022)



Top 5 Cyber Crime With Highest Resolution Rate



Top 5 Cyber Crime With Lowest Resolution Rate



Insights & Recommendation

1. Year Wise Registered Cyber Crime (2013-2023)

Cybercrime cases have drastically increased, especially in 2023.

Recommendations:

- Strengthen AI-driven monitoring systems.
- Increase cybersecurity awareness campaigns.
- Implement dedicated cybercrime units at district levels.

2. Most Affected Top 5 States (2013-2023)

States like Uttar Pradesh, Maharashtra, and Gujarat face high cybercrime rates.

Recommendations:

- State-wise cybersecurity frameworks.
- Special task forces in high-risk regions.

3. Most Affected Year - 2023

Cybercrime spiked in 2023.

Recommendations:

- Increase budget for cybersecurity defense.
- Establish real-time cyber response teams.

4. Most Affected States in 2023

Uttar Pradesh, Maharashtra, and Gujarat remain hotspots.

Recommendations:

- Set up state-wise cybersecurity research labs.
- Conduct forensic training programs for law enforcement.

5. Cities with Highest Cyber Crime (2022)

Bengaluru, Mumbai, Hyderabad, Lucknow, and Delhi reported the most cases.

Recommendations:

- Implement AI-powered surveillance.
- Improve cyber policing resources.

6. Cities with Lowest Cyber Crime (2022)

Kochi, Kolkata, Coimbatore, Indore, and Kozhikode have lower cases.

Recommendations:

- Analyze best practices and implement them in high-risk areas.

7. Rise in Cyber Crime in Mega Cities (2021-2022)

Surged from 17,115 to 24,420 cases.

Recommendations:

- Strengthen corporate cybersecurity policies.
- Improve reporting mechanisms.

8. Highest Cyber Crime Categories (2022)

Top categories include computer-related offenses and online banking fraud.

Recommendations:

- Strengthen banking security against fraud.
- Enhance public cybersecurity awareness programs.

9. Specific Cyber Crimes in 2022 (Ransomware, Blackmailing, Defamation, Cyberterrorism)

Ransomware (958 cases), Cyber blackmailing (696), Defamation (61), Cyberterrorism (5).

Recommendations:

- Launch anti-ransomware initiatives.
- Implement dark web monitoring.

10. Motives Behind Cyber Crimes

Fraud, extortion, and sexual exploitation.

Recommendations:

- AI-based fraud detection.

11. Financial Loss Due to Cyber Crimes (FY2018-25)

Total financial loss: 7.54 thousand crores, highest in 2023-24.

Recommendations:

- Real-time transaction monitoring.
- Promote cyber insurance policies.

12. Cyber Crimes Against Women & Children (2022)

14,000 cases against women and 1,823 against children.

Recommendations:

- Strict enforcement of data protection laws.
- Introduce cybersecurity education in schools.

13. Cyber Crime Investigation Records (2022)

High pendency rates (55.56% in mega cities, 53.87% state-wise).

Recommendations:

- Enhance cyber forensic infrastructure.
- Increase police training in cyber investigations.