

Project Report: U.S. Cybercrime & Fraud Analysis Dashboard (2020-2024)

1. Executive Summary

This Power BI dashboard provides a consolidated overview of U.S. cybercrime and fraud complaints and associated financial losses from 2020 to 2024. It translates complex data from agencies like the FBI's IC3 and the FTC into key insights, enabling users to quickly grasp the scale of the issue, identify the most impacted states and the most costly types of fraud.

2. Dashboard Page Descriptions

Based on the images, the dashboard consists of two main pages:

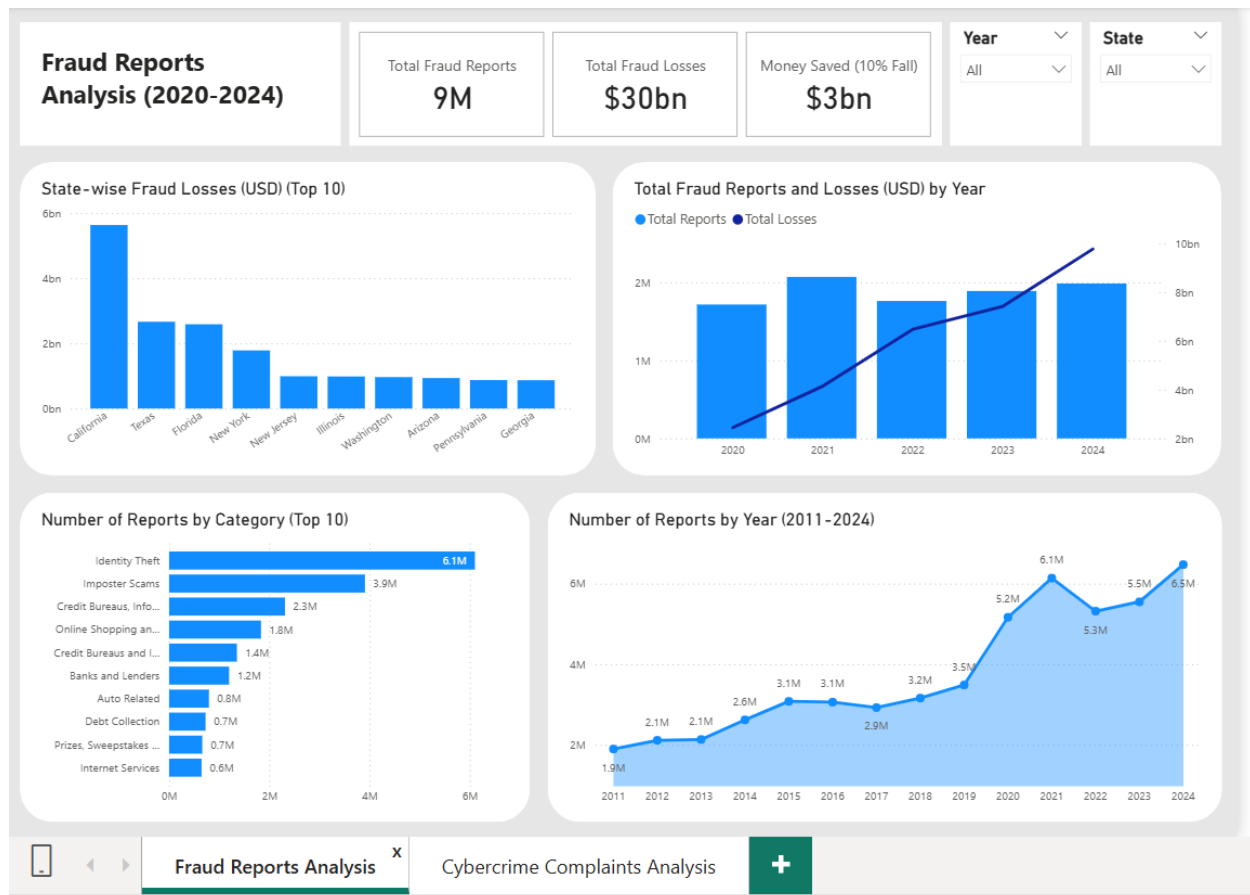
Page 1: Fraud Reports Analysis

This page provides a broader view of fraud data (likely from the FTC), with a stronger focus on categories and year-over-year trends.

Top Fraud Categories: A table lists the top fraud categories (e.g., Imposter Scams, Credit Bureaus, Online Shopping) by the number of reports.

Trend Analysis: A central line chart, "**Number of Reports by Year (2011-2024)**," shows the historical trend of fraud reports, highlighting growth over time.

Yearly Totals: A visual (likely a combo chart) is dedicated to showing "**Total Fraud Reports and Losses (USD) by Year**" for the 2020-2024 period.



Page 2: Cybercrime Complaints Analysis

This page serves as a high-level summary focused on cybercrime-specific data (likely from the IC3).

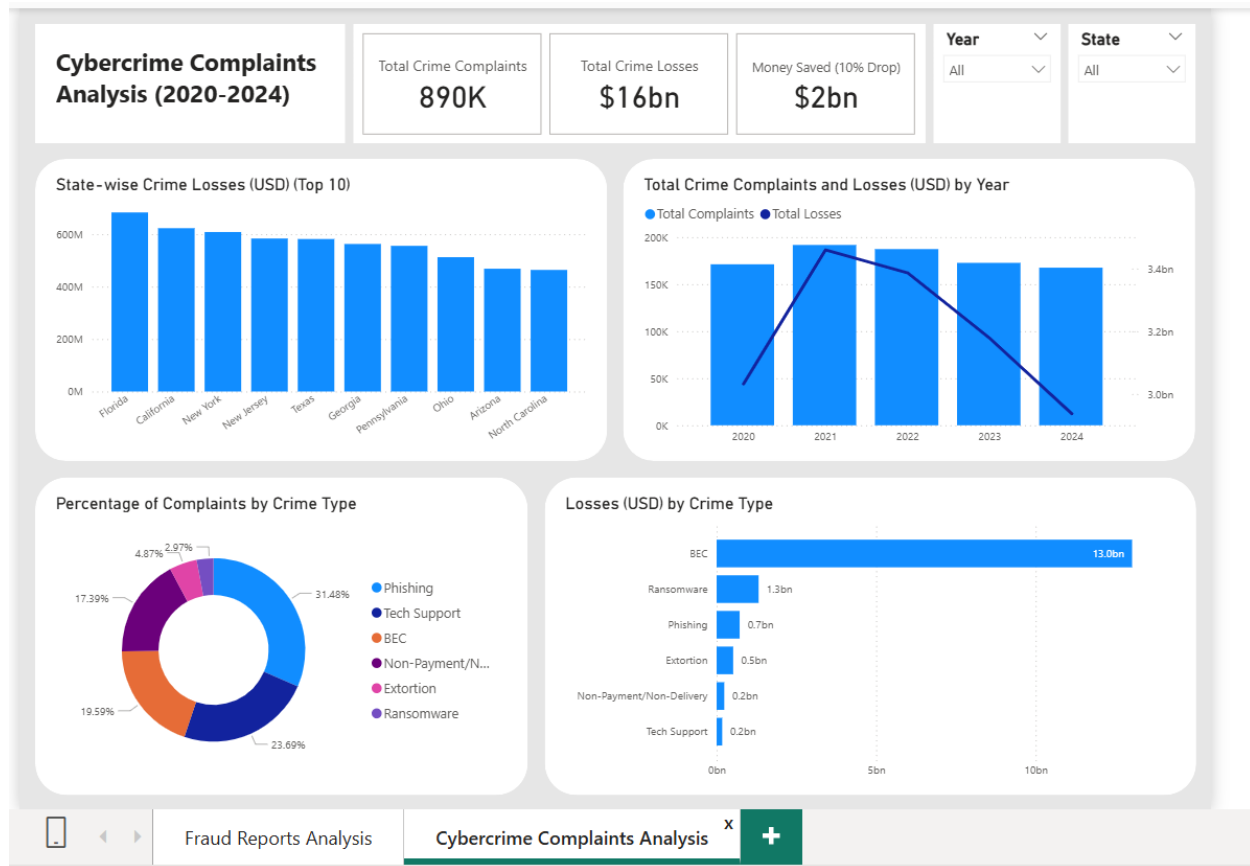
Key Metrics: Displays the grand totals for the period: **890K Total Crime Complaints**, **\$16bn Total Crime Losses**, and **\$2bn Money Saved** from a modeled 10% reduction.

Top States: A bar chart visualizes the **Top 10 States** with the highest financial losses, allowing for easy geographical comparison.

Crime Type Breakdown: Two key charts analyze the fraud categories:

Percentage of Complaints by Crime Type: A donut chart showing which cybercrimes (e.g., Phishing, Tech Support, BEC) are reported most frequently.

Losses by Crime Type: A bar chart revealing which cybercrimes are the most financially damaging (e.g., Investment, Romance, BEC).



3. Key Interactive Features

Centralized Filters: Both pages feature filters for **Year** and **State**, allowing users to focus on a specific time frame or geographical area. Selecting "All" shows the consolidated data for the entire U.S. from 2020-2024.

Cross-Page Filtering: The "State" and "Year" filters are likely connected across both pages. Selecting "California" and "2023" would update all charts on both the "Cybercrime" and "Fraud Reports" pages to reflect data for that specific state and year.

Data Highlighting: Interacting with one visual (e.g., clicking on "Phishing" in the donut chart) may highlight related data in other visuals on the same page.

4. Conclusion

This two-page dashboard effectively provides a dual perspective on the fraud landscape, combining detailed cybercrime analysis with broader fraud trends. Its interactive nature

makes it a powerful tool for quickly identifying risks, understanding the evolution of different scams, and supporting data-driven strategic decisions.