

Secure

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SecureCheck: A Python-SQL Digital Ledger for Police Post Logs

A Streamlit App for Displaying traffic violation

This project is to analyze build an SQL-based check post database with a Python-powered dashboard for real-time insights and alerts.

Features:

- Real-time logging of vehicles and personnel.
- Automated suspect vehicle identification using SQL queries.
- Check post efficiency monitoring through data analytics.
- Crime pattern analysis with Python scripts.
- Centralized database for multi-location check posts.

Database Used: `traffic_stop_project`

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Deploy

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Traffic Violation Visualization

Stop Date: 2026/01/01

Stop Time: 22:53

County Name: carada

DriverGender: Male

DriverAge: 27

DriverRace: Indian

Was a Search Conducted? 1

Search Type: frisk

Was it Drug Related? 1

Stop Duration: 16-30 Min

Vehicle Number: TN56AD6150

Predict Stop Outcome & Violation

Prediction Summary

- Predicted Violation: Speeding
- Predicted Stop Outcome: Warning

A 27-year-old male driver from carada was stopped at 10:53 PM on 2026-01-01. A search was conducted, and the stop was drug-related. Stop Duration: 16-30 Min. Vehicle Number: TN56AD6150.

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Advanced Insights

Select a Query to Run

The top 10 vehicle_Number involved in drug-related stops

Run Query

	vehicle_number
0	UP7SDY3473
1	RJ83PZ4441
2	RJ320M7264
3	RJ76TJ3807
4	DL75KZ7835
5	DL50PO5101
6	UP67CD9426
7	KAG1JB1004
8	WB70IVSE84
9	WB75TF1052