

# POLICE CHICK POST



## POLICE POST

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cleaned\_data.xlsx 4.6MB



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### Excel File Preview

	on	search_conducted	search_type	stop_outcome	is_arrested	stop_duration	drugs_related_stop
0	ing	<input checked="" type="checkbox"/>	Vehicle Search	Ticket	<input checked="" type="checkbox"/>	16-30 Min	<input checked="" type="checkbox"/>
1		<input type="checkbox"/>	Vehicle Search	Arrest	<input checked="" type="checkbox"/>	16-30 Min	<input checked="" type="checkbox"/>
2	ing	<input type="checkbox"/>	Frisk	Ticket	<input checked="" type="checkbox"/>	16-30 Min	<input checked="" type="checkbox"/>
3		<input checked="" type="checkbox"/>	Frisk	Warning	<input type="checkbox"/>	0-15 Min	<input checked="" type="checkbox"/>
4		<input type="checkbox"/>	Vehicle Search	Arrest	<input checked="" type="checkbox"/>	16-30 Min	<input type="checkbox"/>
5		<input checked="" type="checkbox"/>	Vehicle Search	Ticket	<input type="checkbox"/>	16-30 Min	<input type="checkbox"/>
6	ing	<input type="checkbox"/>	Vehicle Search	Ticket	<input type="checkbox"/>	30+ Min	<input type="checkbox"/>
7		<input type="checkbox"/>	Vehicle Search	Arrest	<input checked="" type="checkbox"/>	30+ Min	<input checked="" type="checkbox"/>
8	lt	<input checked="" type="checkbox"/>	Frisk	Arrest	<input type="checkbox"/>	0-15 Min	<input checked="" type="checkbox"/>
9		<input checked="" type="checkbox"/>	Frisk	Warning	<input checked="" type="checkbox"/>	16-30 Min	<input type="checkbox"/>



## Police Traffic Stop Dashboard

Total Stops

327690

Total Arrests

164230

Most Common Violation

Other

Searches Conducted

163505

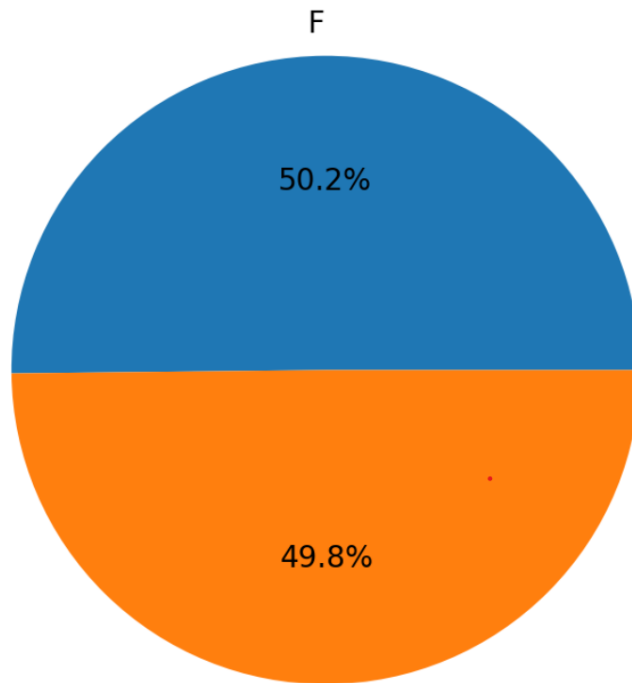
Drug-related Stops

163845

Average Driver Age

49.1

## Driver Gender Distribution




## Recent Traffic Stops (Latest 10)



	stop_date	stop_time	driver_gender	driver_race	violation	stop_outcome	vechicle_number	is_
0	2020-02-15	12 hours	F	Other	Speeding	Ticket	UP89PT2924	
1	2020-02-15	12 hours	F	Other	Speeding	Ticket	UP89PT2924	
2	2020-02-15	12 hours	F	Other	Speeding	Ticket	UP89PT2924	
3	2020-02-15	12 hours	F	Other	Speeding	Ticket	UP89PT2924	
4	2020-02-15	12 hours	F	Other	Speeding	Ticket	UP89PT2924	
5	2020-02-15	12 hours	F	Black	Other	Warning	KA24UZ8488	
6	2020-02-15	12 hours	F	Black	Other	Warning	KA24UZ8488	
7	2020-02-15	12 hours	F	Black	Other	Warning	KA24UZ8488	
8	2020-02-15	12 hours	F	Black	Other	Warning	KA24UZ8488	
9	2020-02-15	12 hours	F	Black	Other	Warning	KA24UZ8488	

# Medium Level

Select a Query to run


Number of Stops Conducted at Night (Between 10 PM - 5 AM) 

Run Query

	night_stops
0	96230

# Complex

Select a Query to run

Correlation Between Age, Violation, and Stop Duration (Subquery) 

Run Complex Query

	age_group	violation	stop_duration	count
0	18-25	DUI	0-15 Min	2470
1	18-25	DUI	16-30 Min	2685
2	18-25	DUI	30+ Min	2690
3	18-25	Other	0-15 Min	2645
4	18-25	Other	16-30 Min	2790
5	18-25	Other	30+ Min	2715
6	18-25	Seatbelt	0-15 Min	2790
7	18-25	Seatbelt	16-30 Min	2635
8	18-25	Seatbelt	30+ Min	2635
9	18-25	Signal	0-15 Min	2750



# Vehicle Information Finder



Enter Vehicle Number:

RJ83PZ4441

Run

🚗 The vehicle was stopped 🇮🇳 in India on 2020-01-01 at 0:01:00. The driver was a 58 years old male of Other race, with a stop duration of 16-30 Min, and a search not conducted. The search type is Vehicle Search. The order was filed as 📄 Arrest, and the violation was classified as Other. The stop was related to drugs, the Person was arrested.

See Full Details



```
▼ { 📄  
  "country_name" : "India"  
  "stop_date" : "datetime.date(2020, 1, 1)"  
  "stop_time" : "datetime.timedelta(seconds=60)"  
  "driver_age" : 58  
  "driver_gender" : "M" 📄  
  "driver_race" : "Other"  
  "search_conducted" : 0  
  "search_type" : "Vehicle Search"  
  "stop_duration" : "16-30 Min"  
  "drugs_related_stop" : 1  
  "violation" : "Other"  
  "stop_outcome" : "Arrest"  
  "is_arrested" : 1  
}
```



# Traffic Stop Prediction System

Country Name:

India

Driver Gender:

M

Driver Age:

58

Driver Race:

Other

Search Type:

Vehicle Search

Was it Drug Related?

Yes

Vehicle Number:

RJ83PZ4441

Predict Stop Outcome & Violation

## Prediction Result:

 The stop resulted in **Arrest**, with a primary violation of **Other**, and the stop lasted for **16-30 Min**.