

**Criminals Being caught at location  
and their pattern analysis and  
based on that predictions**

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Source - Kaggle







## Tracking Trends in Law Enforcement: Key Arrest Data from 2021–2023

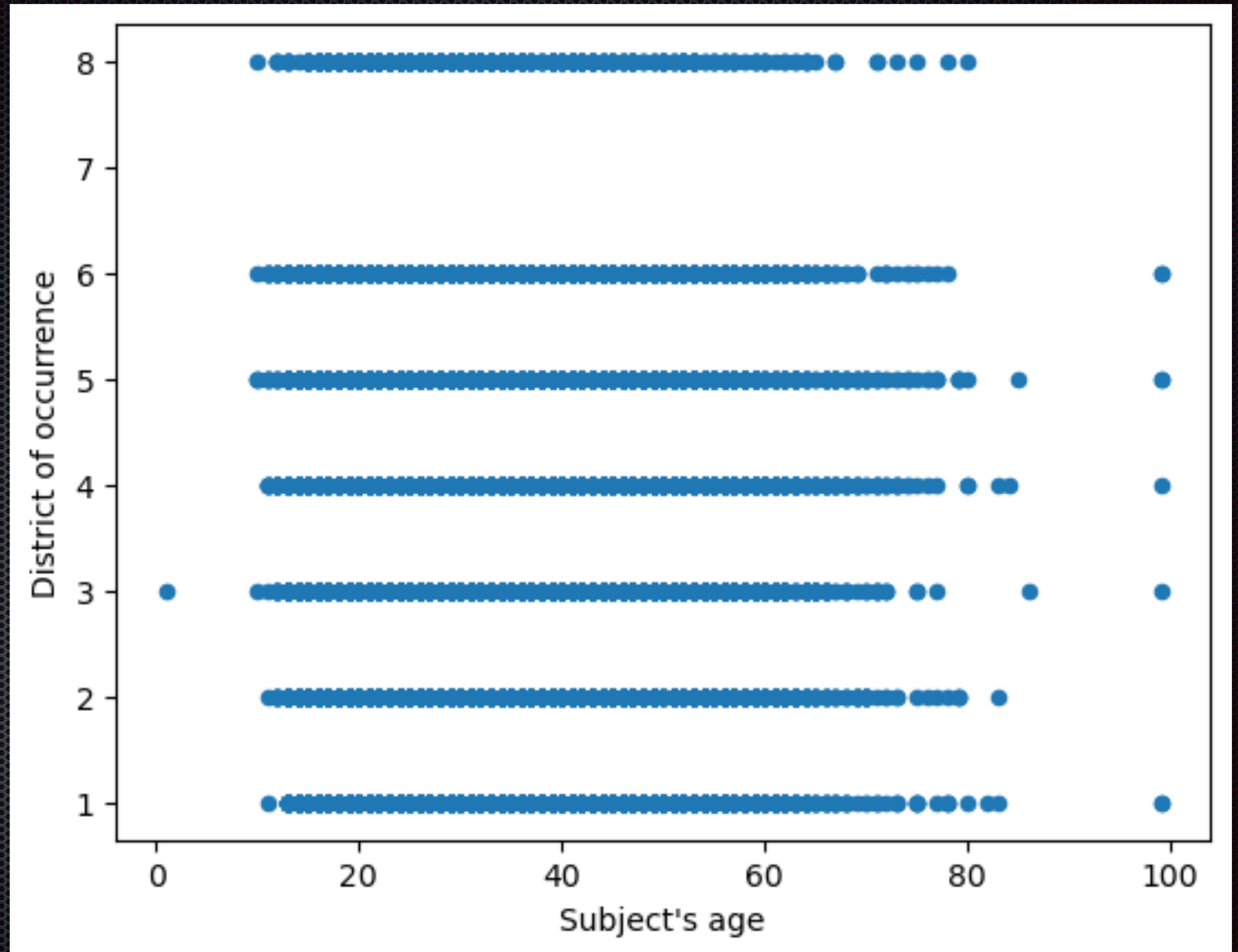
This data set contains data from individuals arrested by a police officer in Montgomery County, including whether the arrest location is within 500 feet of a school.



The County has been an early adopter of technology and promoter of a transparent and efficient government. This represents the County's commitment to being an inclusive, innovative and transparent government that is accountable and responsive and maintains a strong and vibrant economy. The County has been a leader in open government since the launch of its e-Government website initiative in 1992. Since then, the County has sustained a strong commitment to digitizing its information and services.

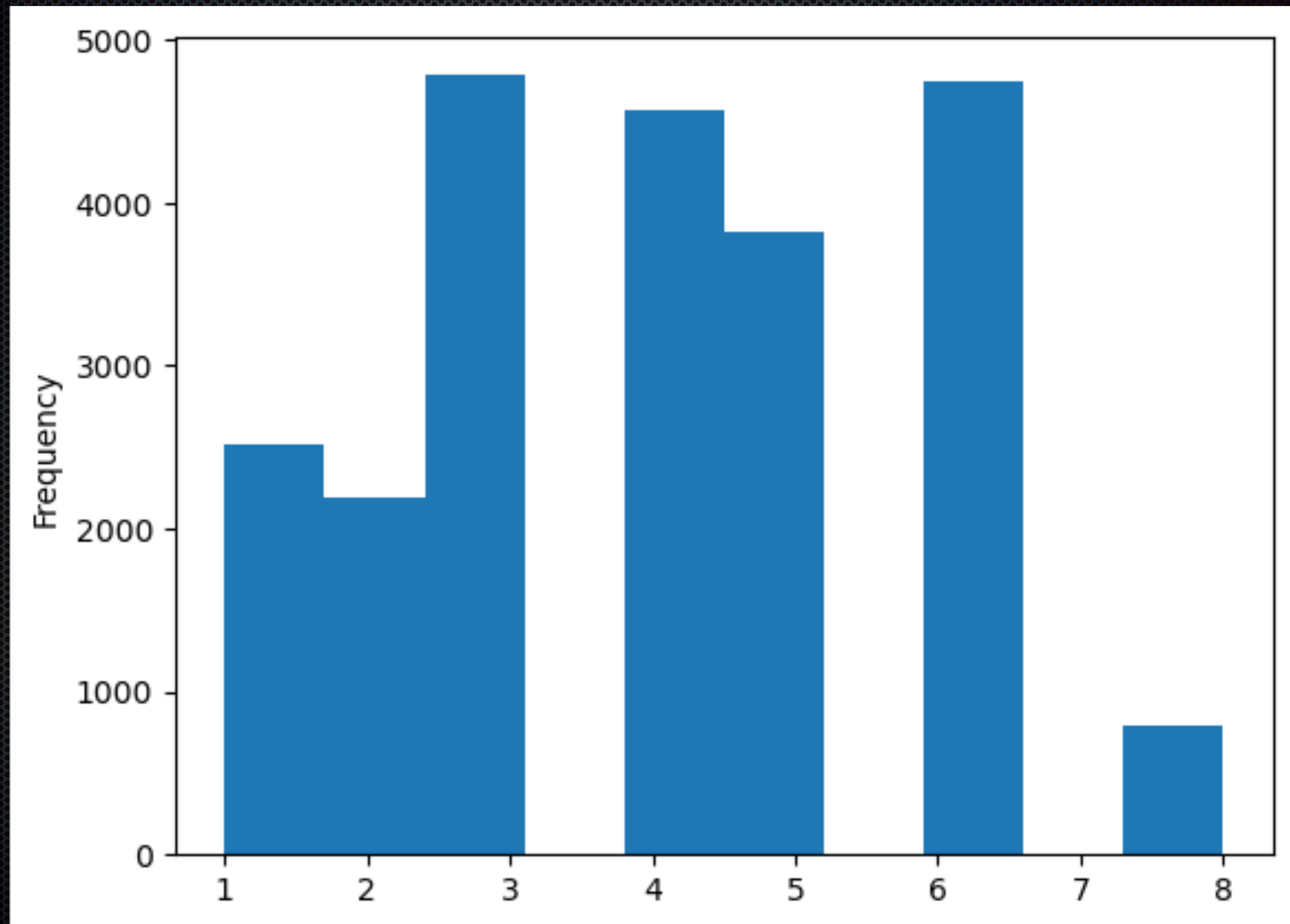


- ✧ Relationships between District of occurrence where most of the criminals got caught how many times and had been found and the Subject's age



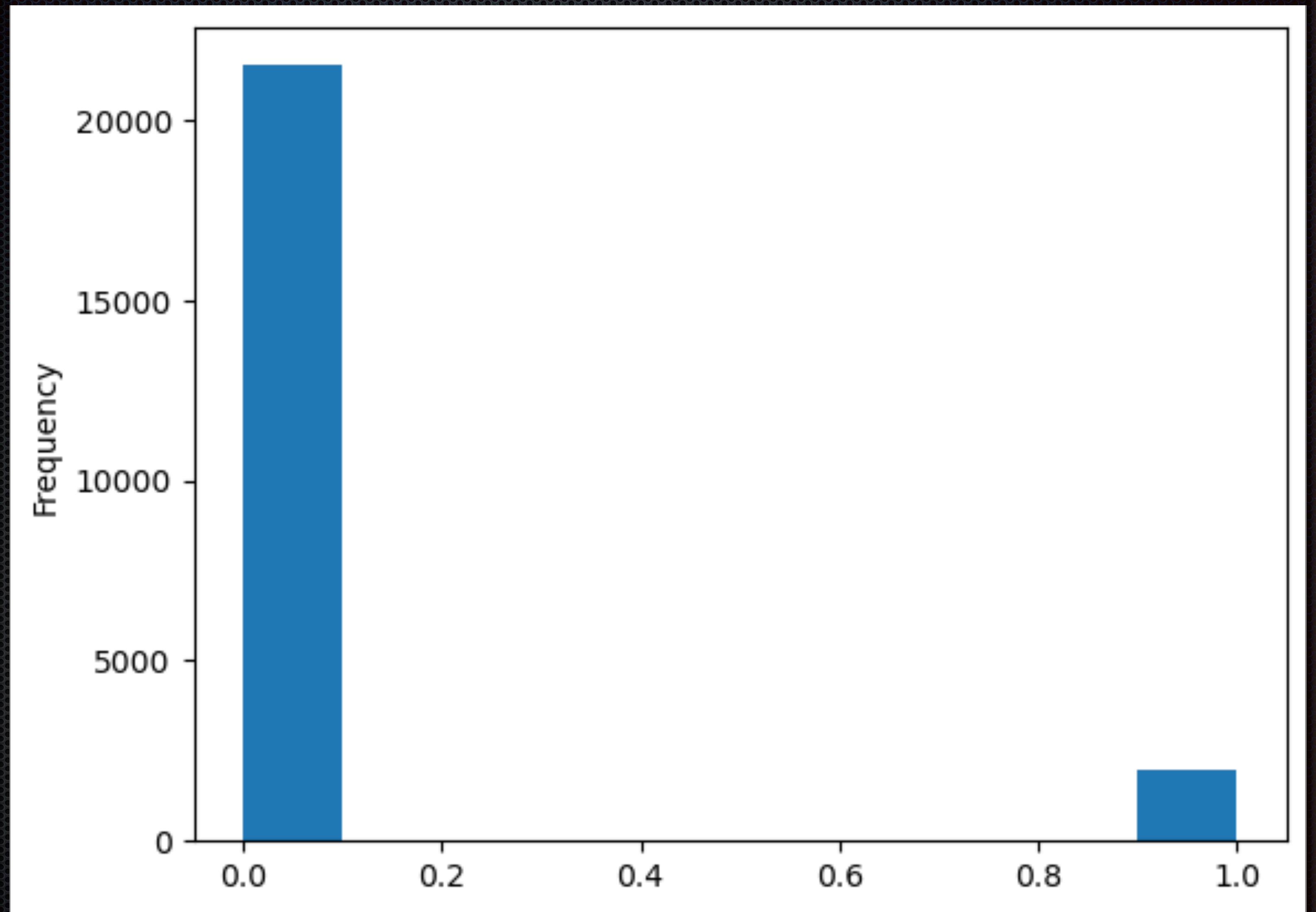


Criminals got  
caught  
occurrence in  
districts





Criminals  
got caught  
near  
schools in  
the  
districts

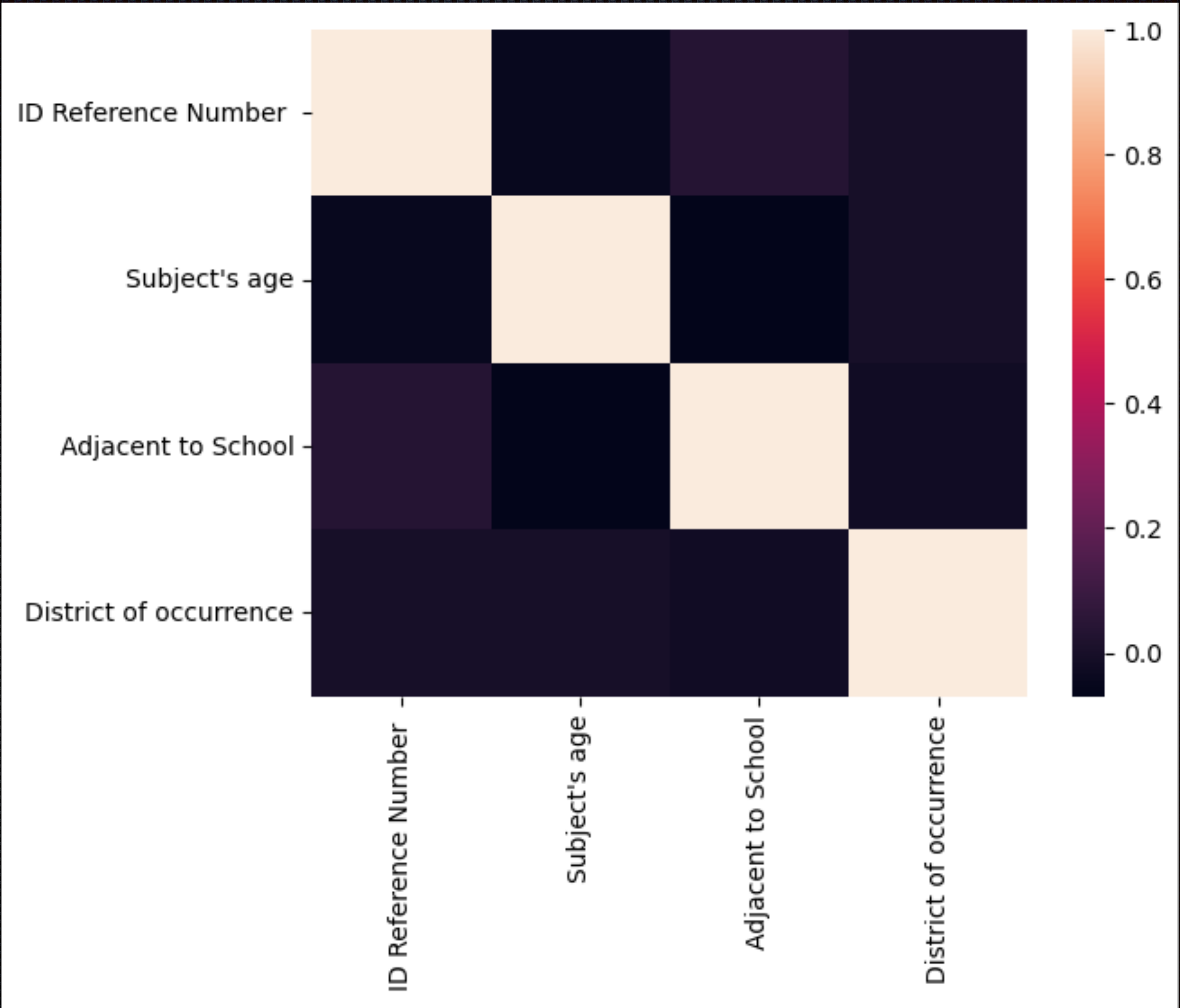




# Conclusions



Criminals got caught near schools in the districts and had got seen their for trying to do crime or got caught while doing or after they did majorly and criminal's are mid aged and older who were doing crime most of the times.





- ✦ Initially near schools weren't much crime that went growing crime rate gradually but with the certain periods of time it goes up.
- ✦ Who committed the crimes or got arrested are most of them were middle aged and also old age ones too.



# Predictions



✱ Will update later...



# Cautions



✱ Will update later...



- ✦ If you have any suggestions or corrections please let me know.
- ✦ Thank you for your precious time to read this.



“Machine Learning Engineer”

*–Ankur Satyarthi*