



<objective>

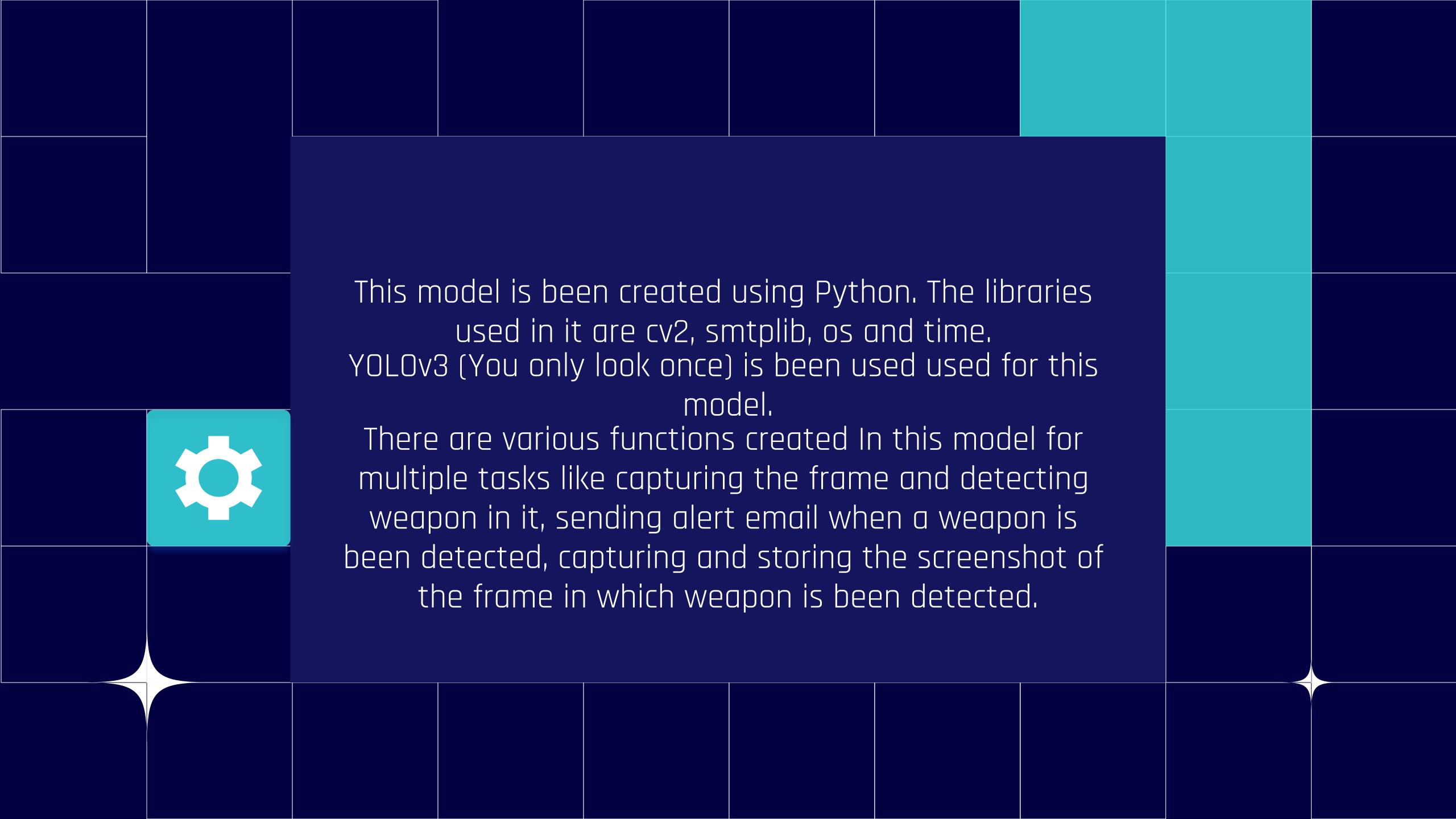
The Objective of 'Repulse' is to automatically detect a weapon (knife, pistol, rifles) and send a alerting email while capturing the screenshot of the frame in which weapon is been detected.

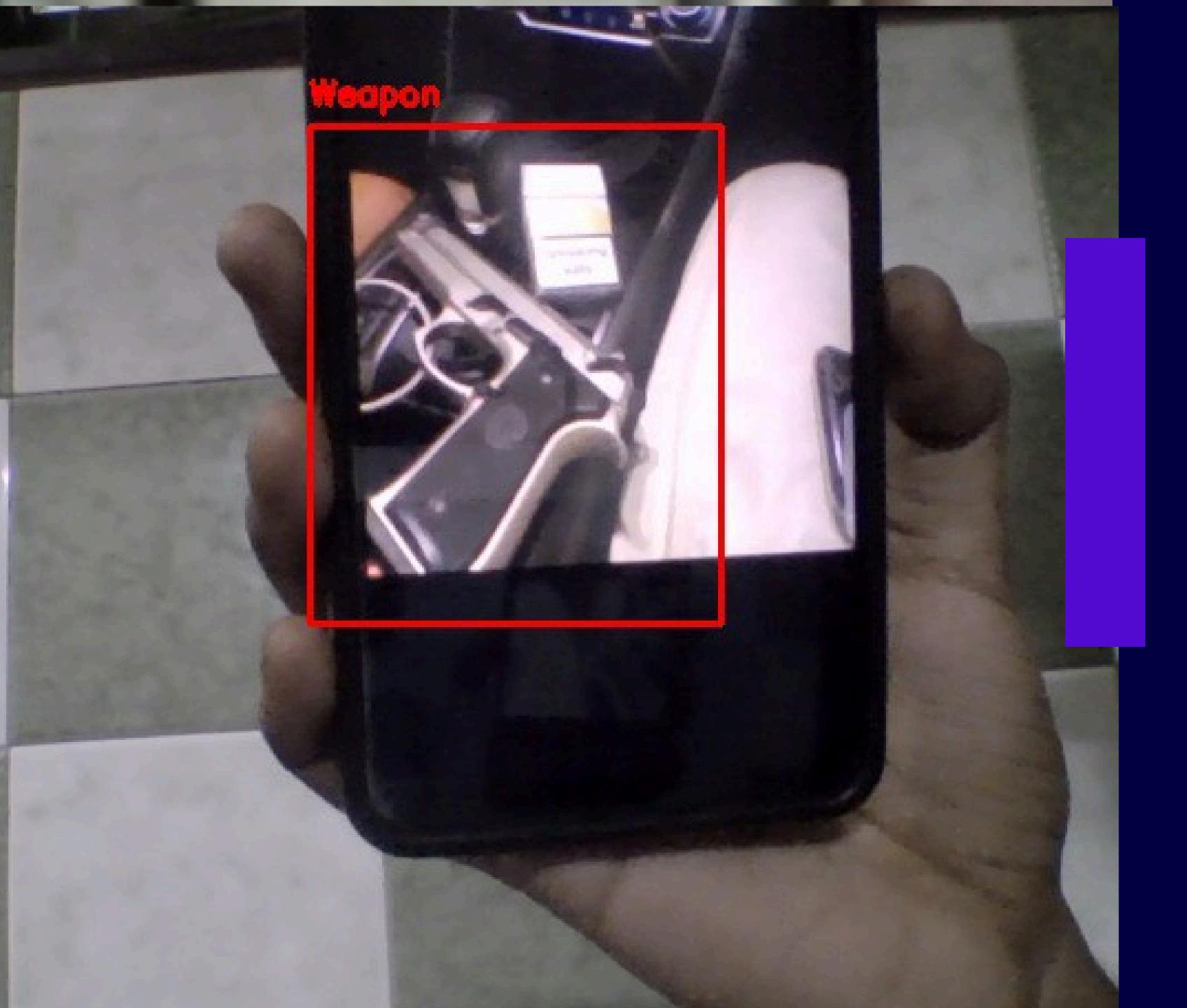
It can play a crucial role in enhancing the security of public places (Airports, Railway Stations, Malls, etc) by allowing the officials to take quick action for the threat.

/SHIFT



<Nethodology>





<Results>

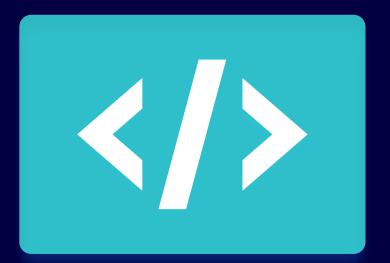
The Model is able to detect different types of guns, knifes, rifles, Specimen of it can be seen in the image.

/SHIFT

<Conclusion>

The weapon detection model uses YOLOv3 to detect weapons in real-time from video streams or images. It automatically identifies dangerous items like guns and knives, marking them with bounding boxes. When a weapon is detected, the system triggers an alert and can take a screenshot for further analysis. The model is designed to enhance security by providing fast, accurate weapon detection and enabling quick responses in high-risk environments.







Thank you.

