HOW CAN ARTIFICIAL INTELLIGENCE OR DATA SCIENCE HELP TO IMPROVE THE CRIME ALERT SYSTEM (CAS)

The main goal of the crime alert system is;

- ➢ Increase response time of security agent by;
  - ▪ Identification of the location of the user who triggers the alert system in the admins dashboard
  - ▪ Search and alert the nearest response unit to the crime scene
- ➢ Dynamic placement of security agents by;
  - ▪ Gathering of user data, that is data collected when the alert system is triggered such as, location, type of crime, and the time the event of the event, in order for data analysis, insight and prediction

The use of Artificial Intelligence and Data Science in our modern world cannot be over emphasis as the world nowadays runs on data which is its greatest asset. Data science is used to harvest those data and make sense of them, while Artificial Intelligence on the other hand uses the information harvested by Data Science to automate processes intelligently as man would.

The application of Artificial Intelligence will help the system to effectively match closest security point to crime scene for timely intervention of security agents, also with the help of Data Science, data gathered by the system can be effectively analyzed to get insight on hotspots of crime, prevalent crime activity in most places and the time the crimes occur, so security agent can be effectively deployed to those areas.

The crime alert system is a fully automated system that need little or no human intervention in carrying out its job mapping, which would increase its efficiency, as the system needs to be fast and accurate, and the optimum way of doing this is through the use of Artificial Intelligence for Automation and Data Science for effective analysis and mapping.