

# **APPROACH PAPER SUGGESTING IMPROVEMENTS TO ENHANCE THE QUALITY OF DATA ANALYTICS TEAM NAME - RETURN ZERO**

## **PROBLEM STATEMENT**

In our country, 112 is the single emergency number, people in distress can call to get immediate assistance – from the fire brigade, medical team or from the police. Law enforcement officials across the country would find it incredibly useful if they had an automated system to continually identify areas that are more prone to crimes and policing-related incidents, than others. This would allow them to proactively review and plan suitable resource deployments and patrolling in those areas, and thereby preempt and prevent, as far as possible, untoward incidents that could result in an emergency.

## **SUGGESTING IMPROVEMENTS**

These suggestions are really helpful to improve the way information from the callers is currently captured so as to enhance the quality of data analytics.

1. When a person makes a call to the emergency number, the location of that dialer can be tracked live which could be useful in cases like kidnap or theft.
2. Information related to the age or age group of people who make a call to the emergency number to identify the pattern in which age group people are targeted more by the criminals like whether they are children or old age people or teenagers, etc. So that the Police Department can increase the protection in their respective places.
3. Information related to criminals such as age, illiteracy or not, etc. to find which category of people are involved more in the crimes.
4. Information related to the occupation of the person who makes a call to the emergency number, to identify which group of people have been targeted by the criminals like whether they are IT people, Business people, Government Staff or Officials, etc.
5. It would be significantly easier to concentrate on important geographical areas if we could get our hands on the response time it took to deal with the respective crimes in different locations.