



DATA DETECTIVE

Team - Hac'KP-61 AI-FOR-GOOD

Predictive Policing Using Bigdata Analysis

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Problem

In today's world of extensive crime, fighting it is a major concern.

According to the National Judicial Data reports, on an average, out of every 100 people worldwide, 12 people are affected by crime-related activities.

In India alone, more than 3.7 crores cases were pending in courts as of 2014.

Data is the new oil, and is assuming centrality.

There is hardly any sector left which does not find itself racing to catch up with the Cyclops-Technology and its humongous feed-Data.

So why leave out policing and homeland security?

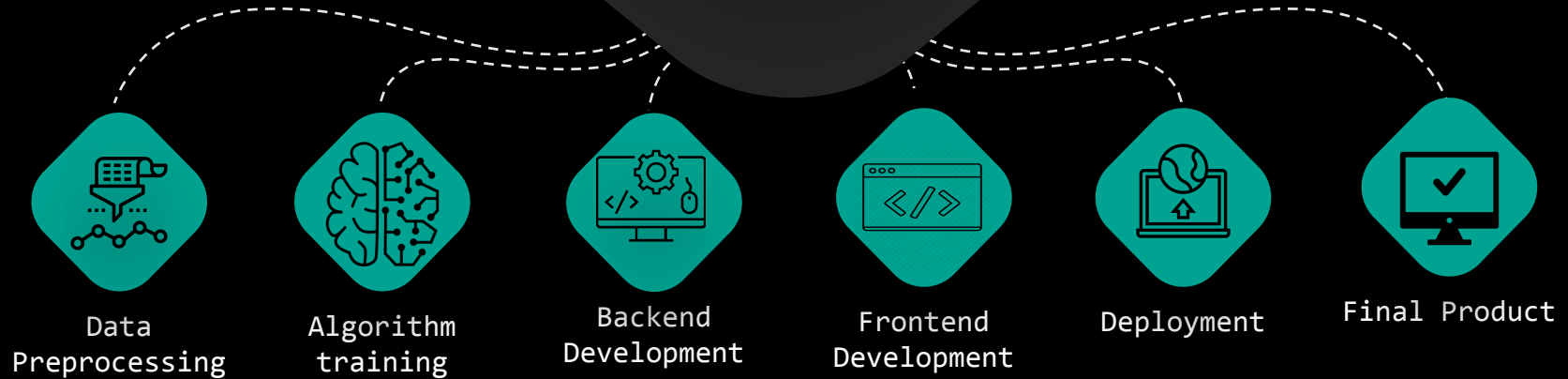
Solution

Indian Police have long used brains and brawn, but now “*dataDetective*”, blending Sherlock Holmes’s logic and intuition with modern technology promises to make the policing more efficient.

The premise is simple: criminals follow patterns, and with our web based application, police can determine where the next crime may occur and can prevent it.

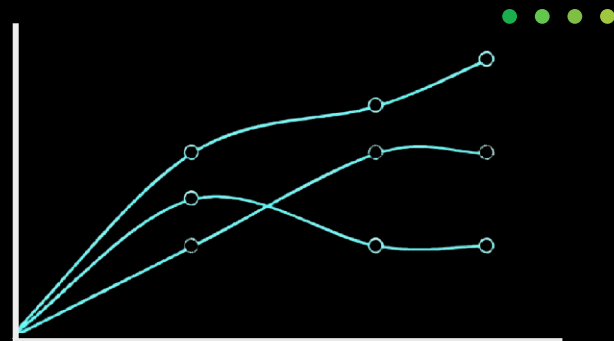
The key to success in predictive policing is getting as much data as possible to determine the patterns.

Implementation

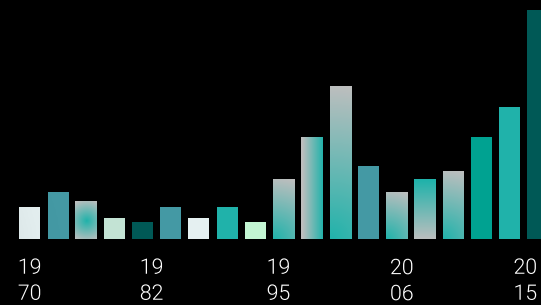


Working

Graphical
Analysis



Visualized
Data



Prediction
{Beta Phase}





The web-app



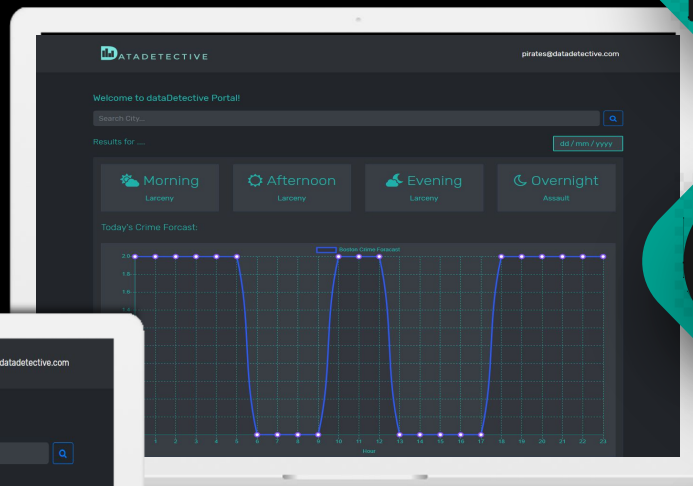
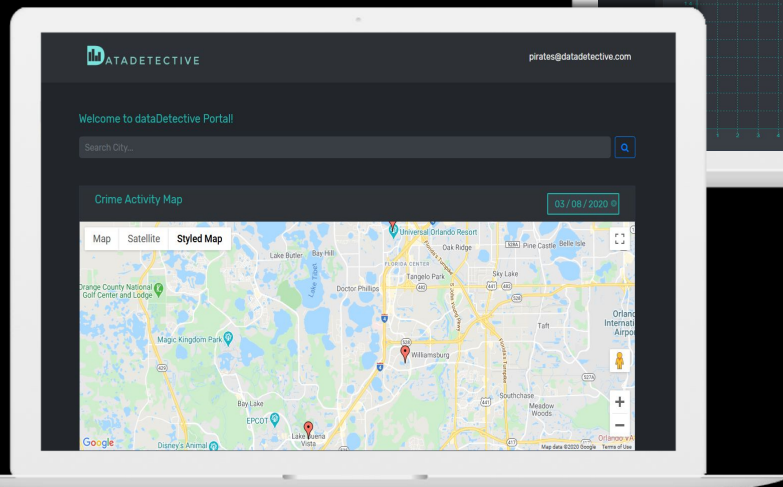
Interactive Web
UI/UX



Summarised
Dashboard



User-friendly
application



IMPACT

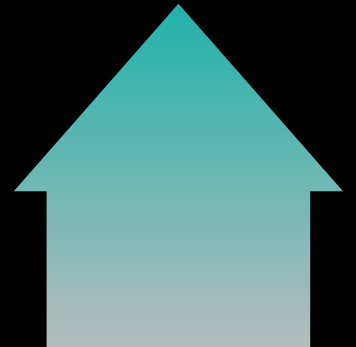
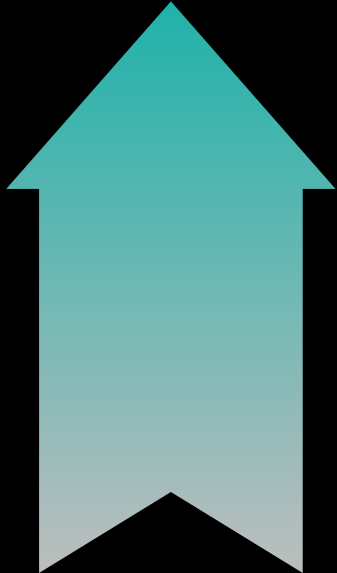
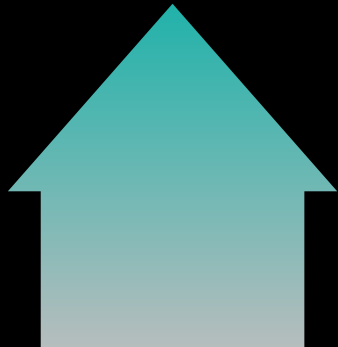
Crime anatomization of
women and children
abuse

Crime pattern
identification

Redeployment of
police resources

Hotspot Analysis

Crime prediction



VISION



Tracking and
subverting terror
activity

Enhance Crime
probability for
efficient policing

More effective
data analysis

Civilian-accessible
application
product

Thank You

AI-powered predictive policing, coupled with higher resource allocation for law enforcement and evolved laws is the next-gen policing that our security apparatus need to adapt to, to suit the emerging needs and times for outsmarting criminals with the power of data.