Crime Powediction of Monttoring Framework Band on Spatial Analysis

It is show planters in it superior is tright Walleya 1) Data Collection & proporcerating

2) Data Visualization

>form of visual Communication

-> Involves cocation of Bludy of the usual representation

-> Primary Goal of Data Visualization to to Communicate data clearly & effectively via Statistical Graphics & & plate. > To Analyze & Reason about Data & Essavere.

3) Hodule 1 => Visualization of Crime Data Using Gragle Hops Module 2 => crisulazation of Exact Location of Crime with Module 3 => Visualization based on type of Coince 3D view Hodule 4 >> Visualization of Creme Hotapots Module 5 > Come Frequency Report Hodele 6 > Interactive Come Frequency Report using Graph & Bar Chart

4) Come Prediction:

- K. Meanest Neighbours. -> used for relassification dr = 1 (x-x)2 + (42-4)2

- Naive Bayes > Independency of Altributes. Y-wax (p(dt) - Tin p(xx)

K- Peaset Peighbour:

=> The Output is a class Membership.

> An Object is classified by a Majority vote of its neighbour, with the Object being assumed to the class must Common, among its K- neasest neighbours.

-> Algorithm can be applied to the crime Dataset -

The problem with the KNN is the Computation- Every time et Computes the Euclidean Distance which Involves squaring and Square scot. workstake we electroffe to plants and

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