**Business Objective**

To minimize the crime rate by identifying and analyzing patterns and trends in crime.

**Business Constraints**

Unreported crimes, criminal deception resulting in incorrect numbers impacts not only the resources but also the purpose of safeguarding the citizens and locality.

**Data** **Dictionary**

|  |  |  |  |
| --- | --- | --- | --- |
| Name of the feature | Description | Type | Relevance |
| Column name is Blank | States of United States | Nominal; Non-numeric | Relevant,  not useful for analysis |
| Murder | Murder rates in different places of United States | Numeric | Relevant,  useful for analysis |
| Assault | Assault rate in different places of United States | Numeric | Relevant,  useful for analysis |
| UrbanPop | Urban population in different places of United States | Numeric | Relevant,  useful for analysis |
| Rape | Rape rate in different places of United States | Numeric | Relevant,  useful for analysis |

We can make 4 clusters of this dataset.

**Inferences** :

* Assault is the highest crime in all the clusters. All the states show same

trends in all the crimes.

* Cluster 3 consists of the states with highest crime.
* Cluster 2 consists of the states with least crime.
* Cluster 0 and Cluster 1 states stand at second and third position.