A Study of Crimes Occurs in Kolhapur City Using Statistical Methods

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Abstract: Urbanization is that the human process whereby cities grow and their societies become urban. However, speedy urbanization contributes different have an effect on and crimes in one in all them. Recent inconceivable levels of the globe urbanization coincides with rise in urban crimes in several elements of the globe, because the rate of state had been on the rise and paired with exaggerated poorness among the urban poor. In order to study the nature and pattern of verities of causes and types of crimes occurred in Kolhapur city .we collected the information about the crime available in four different police station in Kolhapur city .and data is analyzed using different statistical tools and techniques . The violence and robbery are analyzed .our study shows Crime is independent from education , age , community , standard of living and gender. And most of case males are responsible for occurrence of crime as compared to female..

Key Words: Crime, Violence, Graphical Representation, Chi-square Test, Level of Significance.

1. INTRODUCTION:

In daily Newspapers and on TV News channels we see that there is a increase in number of crimes and criminals in our society . Crime is a one of the measure of standard of society.   Urbanization is that the human process whereby cities grow and their societies become urban. However, speedy urbanization contributes different have an effect on and crimes in one in all them. Recent inconceivable levels of the globe urbanization coincides with rise in urban crimes in several elements of the globe, because the rate of state had been on the rise and paired with exaggerated poorness among the urban poor. One of the inevitable consequences of urbanization, particularly within the aggregation countries, is that the unfold of urban impoverishment (Schweitzer, Kim, and Mackin, 1999). The development of urban congestion, stretching of social services, and therefore the impossibility of getting enough employment opportunities among the urban dwellers contributes in no little live to the unfold of impoverishment within the urban areas (Bakerand Schuler, 2004).

This nearly always results in the unfold of urban crime and violence (Curley, 2005). One remarkable commonality among the occupants of all these criminal groups is their age and employment status in their communities: they are all youths and unemployed (Oyeshola,2005, p. 123) .The impacts of bad governance and unemployment in third world countries always result in the social segregation of some segments of the society, and its consequent fragmentation into different social classes (Masika, de Haan and Baden, 1997).Nature of crime is not uniform but varies from one geographical region to another. In some areas, property crime is additional common whereas in others, crime on person (violent) is prevailing. Crime isn't being tormented by a singular issue anyplace it occurred, there are variant factors that influence criminal activities. In any case, key variables that influence criminal practices of potential wrongdoers incorporates:
unemployment, destitution, awful administration and shortcomings inlaw requirement or crime-control organizations.   There are different reasons behind the crimes , like lack of education , need of money , wrong thinking etc. but are they actually responsible for the crime. Some time educated people also becomes criminals. So we interested to study the relation between education and crime ,standard of living ; age and crime , community and crime , gender and crime etc. using statistical methods such as Chi-Square Test for independence .

2. RESEARCH PROCESS:
2.1 DATA COLLECTION:

For our project we have collected the data of crime from 4 police stations of Kolhapur city . We have divided it into two crime cases namely Violence , Robbery . We have also collected the information of criminals with their Age, Education , Crime , Gender and their work from each police station. For study the independence of crime from these attributes.