Capstone Project phase 2 (a) :

Here , I have analysed each and every dataset of Captone project phase 1 separately because for every crime there might be different situation in every state and hence accordingly the Government can take sufficient action in each state .

I have done all my analysis in ‘Tableau public’.

1. First I have analysed the ‘IPC\_crime\_data\_2001\_2012.csv’ dataset

Link : [https://public.tableau.com/views/IPCcrime2001-2012/Dashboard1?:language=en- US&publish=yes&:sid=&:display\_count=n&:origin=viz\_share\_link](https://public.tableau.com/views/IPCcrime2001-2012/Dashboard1?:language=en-%20US&publish=yes&:sid=&:display_count=n&:origin=viz_share_link)

* So , here first I checked what is the IPC crime growth/decrease rate (%) in each state in the time interval 2001 to 2012 .
* I have also checked how the growth/decrease rate of population (%) , growth/decrease rate in literacy rate (%) and growth/decrease in poverty rate (%) is effecting the growth/decrease rate of IPC crime rate (%) in each state .
* By doing that we can get a clear picture of each state that on which factors a state should give more importance to reduce the IPC crime . For example , if for a particular state , the growth rate of population is low in this time interval but IPC crime growth rate is high , that means population is not effecting much here on that particular state in growing the IPC crime rate .

1. I have analysed the ‘SC\_crime\_data\_2001\_2012.csv dataset .

Link : <https://public.tableau.com/views/SCcrime2001-2012/Dashboard2?:language=en-US&:sid=&:display_count=n&:origin=viz_share_link>

* So , Here in the case of SC crime also , I have done the same thing as in IPC crime .

1. I have analysed the ‘ST\_crime\_data\_2001\_2012.csv’ dataset .

Link : <https://public.tableau.com/views/STcrime2001-2012/Dashboard1?:language=en-US&:sid=&:display_count=n&:origin=viz_share_link>

* So , Here also I have done the same thing as done in above .

1. I have analysed the ‘Crimes\_Against\_children\_2001\_2012.csv’ dataset .

Link : <https://public.tableau.com/views/Crimeagainstchildren2001-2012/Dashboard2?:language=en-US&:sid=&:display_count=n&:origin=viz_share_link>

* Here I have first checked the growth/decrease in crime against children (%) in each state in the time interval 2001 to 2012 .
* I have checked the relation of growth/decrease in crime against children (%) with the factors growth/decrease population (%) , growth/decrease in child labour (%) ,growth/decrease in literacy rate (%) and growth decrease in poverty rate (%) for each state.

1. I have analysed the ‘Crimes\_Against\_women\_2001\_2012’ dataset .

Link : <https://public.tableau.com/views/Crimeagainstchildren2001-2012_17160133200640/Dashboard1?:language=en-US&:sid=&:display_count=n&:origin=viz_share_link>

* Here I have first checked the growth/decrease in crime against women (%) in each state in the time interval 2001 to 2012 .
* I have checked the relation of growth/decrease in crime against women (%) with the factors growth/decrease population (%) , growth/decrease in women literacy rate(%) ,growth/decrease in literacy rate (%) and growth decrease in poverty rate (%) for each state.