Graded Activity 3 - Khansa 23074 & Sumair 22995

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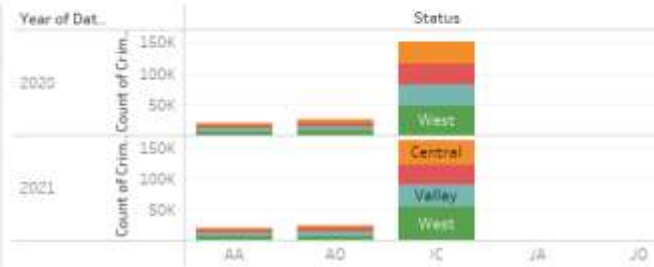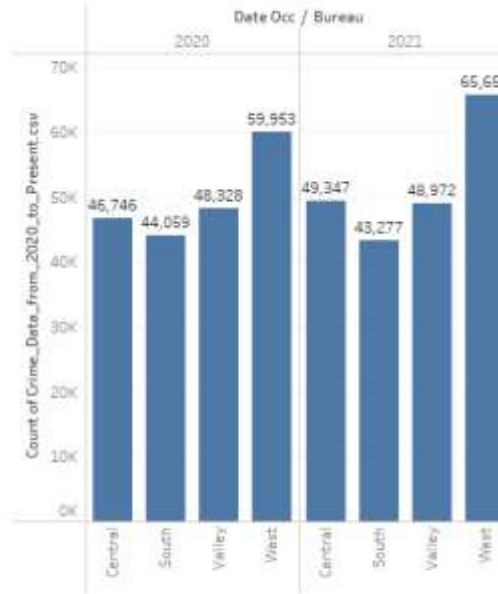# Story 1

Crimes across each
Area

Crimes Across each Area

Crime Status in each Bureau across(2020-2021)

Crimes In each Bureau across (2020-2021)
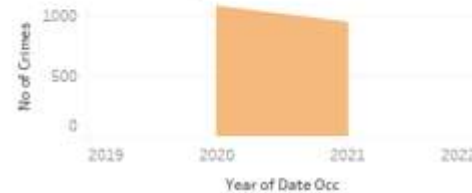

Part1-Part2 Crimes in each Bureau across(2020-2021)

The map above shows the crime across each Area.The bar graph then made is to show crime across each bureau(Bureau is actually the areas compiled in to groups) over the year 2020-2021.Then the stacked bar graph shows us that the crime status in each bureau and it can be seen that in WEST the status description Invest Cont is most likely to be occured over both years. Part I and Part II in each bureau are shown as vertical bar charts. Based on the mapping offered on the LAPD online page, the crime categories are divided into Part I and Part II. This gives us details on the number of violent crimes that have been reported in these four bureaus over the years. Though there are more crimes than 40k on average, it is a relief to know that violent crimes or offences are concentrated in a smaller geographic area.

Story 2

Juvenile Crimes

Juvenile Crimes Occured Over Year(2020-2021)

No of Crimes

2019   2020   2021   2022

Year of Date Occ

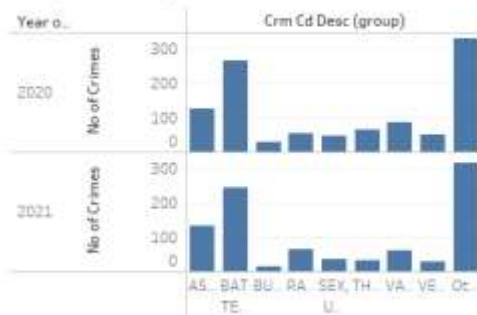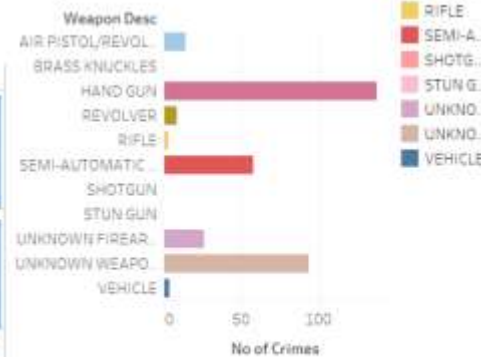## Juvenile Crimes In Bureau(Areas)

Measure N..
Count o..

Bureau
Central
South
Valley
West

Weapon De..
AIR PIS..
BRASS ..
HAND G..
REVOL..
RIFLE
SEMI-A..
SHOTG..
STUN G..
UNKNO..
UNKNO..
VEHICLE

Juvenile Crime Category Pattern Over Year(2020-2021)

Year o..   Crm Cd Desc (group)

2020   No of Crimes

2021   No of Crimes

AS.. BAT BU.. RA. SEX, TH.. VA. VE.. Ot..
TE.   U.

Weapons Used In Juvenile Crimes

Weapon Desc
AIR PISTOL/REVOL..
BRASS KNUCKLES
HAND GUN
REVOLVER
RIFLE
SEMI-AUTOMATIC
SHOTGUN
STUN GUN
UNKNOWN FIREAR..
UNKNOWN WEAPO..
VEHICLE

0   50   100

No of Crimes

The above graphs represents a problem statement from the dataset "Crime rate in LA" that is about the juvenile crimes.
The first graph shows the number of crimes commited by juvenile each year, it is represented by a simple stacked area graph.
The second graph shows us the juvenile crimes according to different Bureau(Area group). This bubble chart shows the juvenile crimes distributed accross four bureau, and the size of each bubble represents how many crimes are commited there.
The third graph is a bar chart that shows the type of juvenile crimes accross different years.
The last graph that is the horizontal bar chart shows us the juvenile crimes that involved automatic weapons or guns. it not only shows us the most used weapon by juvenile in the crimes, it also shows us that these dangerous weapons are easily accessible to the juvenile.