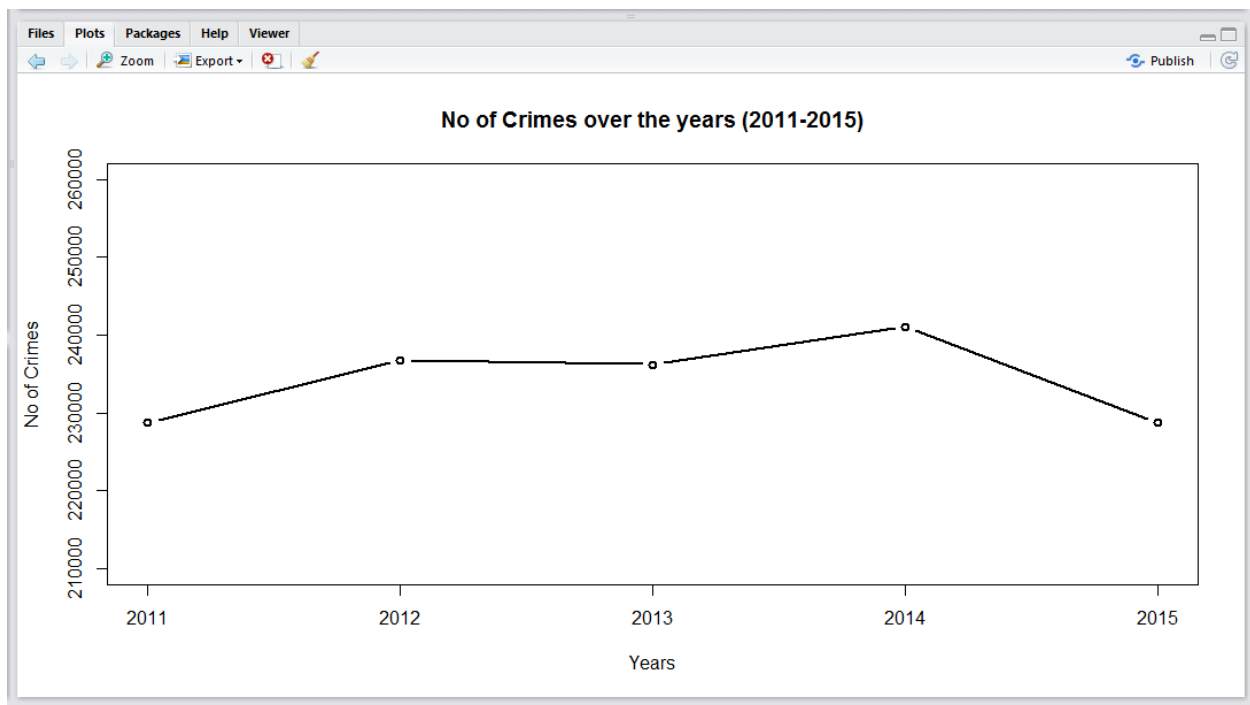


DATA VISUALISATION

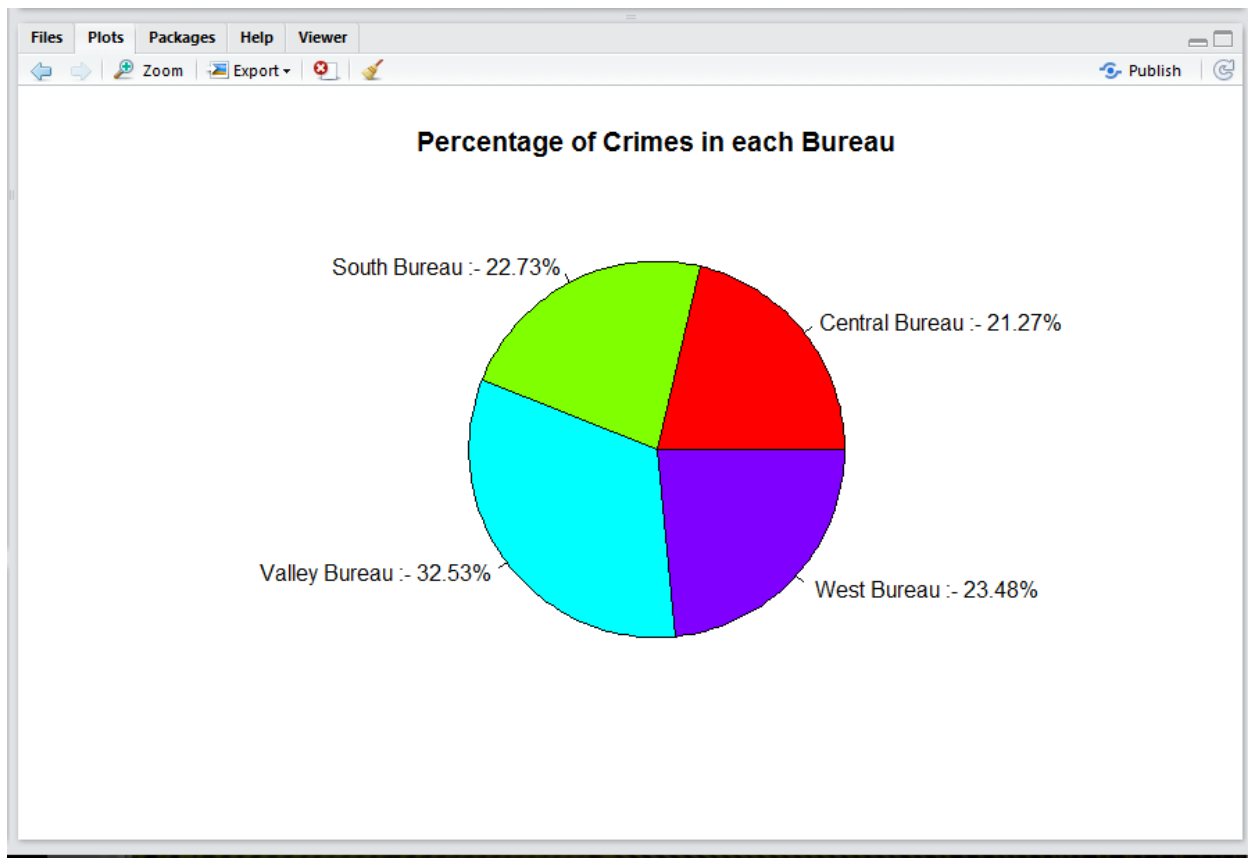
The dataset has been analysed in such a manner that we get to know the total no of crimes committed in each year, under each bureau, the types of crimes committed and finally the status of these crimes that have been reported. This analysis helps us to understand how the LAPD have functioned over the years in order to create a safe environment for us.

An analysis made on the no of crimes over the years shows us whether the crimes have increased or decreased in number. A line graph has been used for the visual representation and it shows us the variation in crimes from 2011 to 2015. The total no of crimes was the highest in the year 2014, though it reduced in 2013 there was an increase in 2014 and in 2015 it was almost equal to 2011.



The above graph provides us with the basic idea about the crimes in LA. Hence another graph was plotted using pie charts which shows us the percentage of crimes over the years under each bureau. This graph helps us to understand which bureau has the maximum crime rates and which has the minimum crime rates. The 21 areas names are grouped under the 4 bureaus using the create group option in tableau.

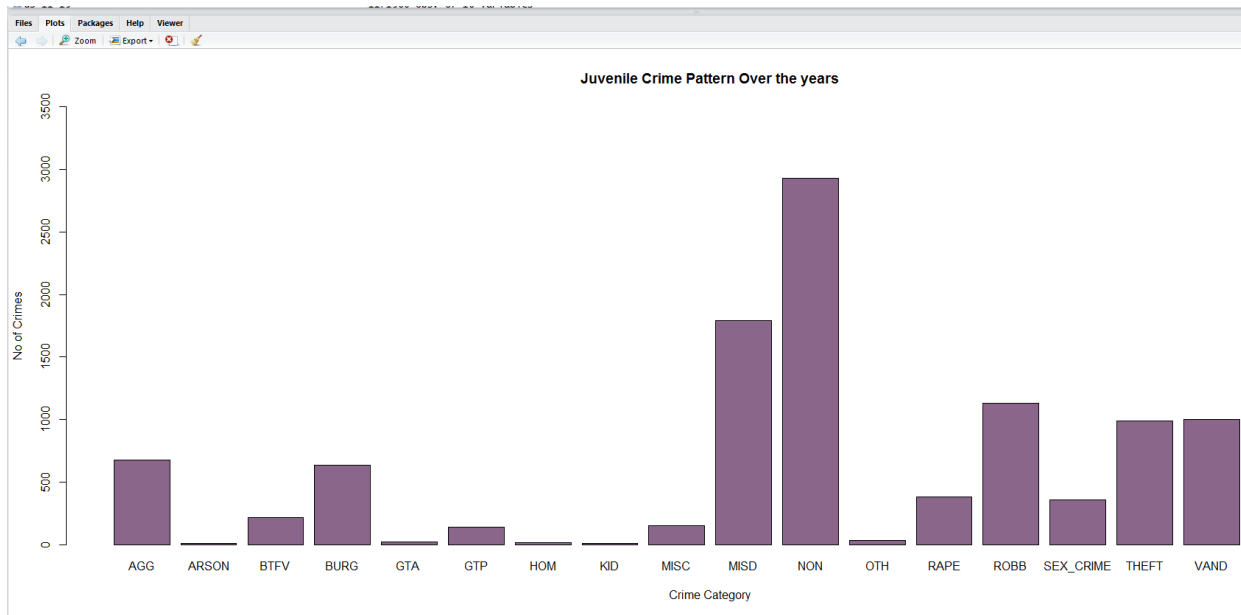
Bureau	Area/Division Name
Central	Central
	Hollenbeck
	Newton
	Northeast
	Rampart
Valley	Devonshire
	Foothill
	Mission
	North
	Topanga
	Van Nuys
	West Valley
South	77th Street
	Harbor
	Southwest
	Southeast
West	Hollywood
	Pacific
	West LA
	Wilshire
	Olympic



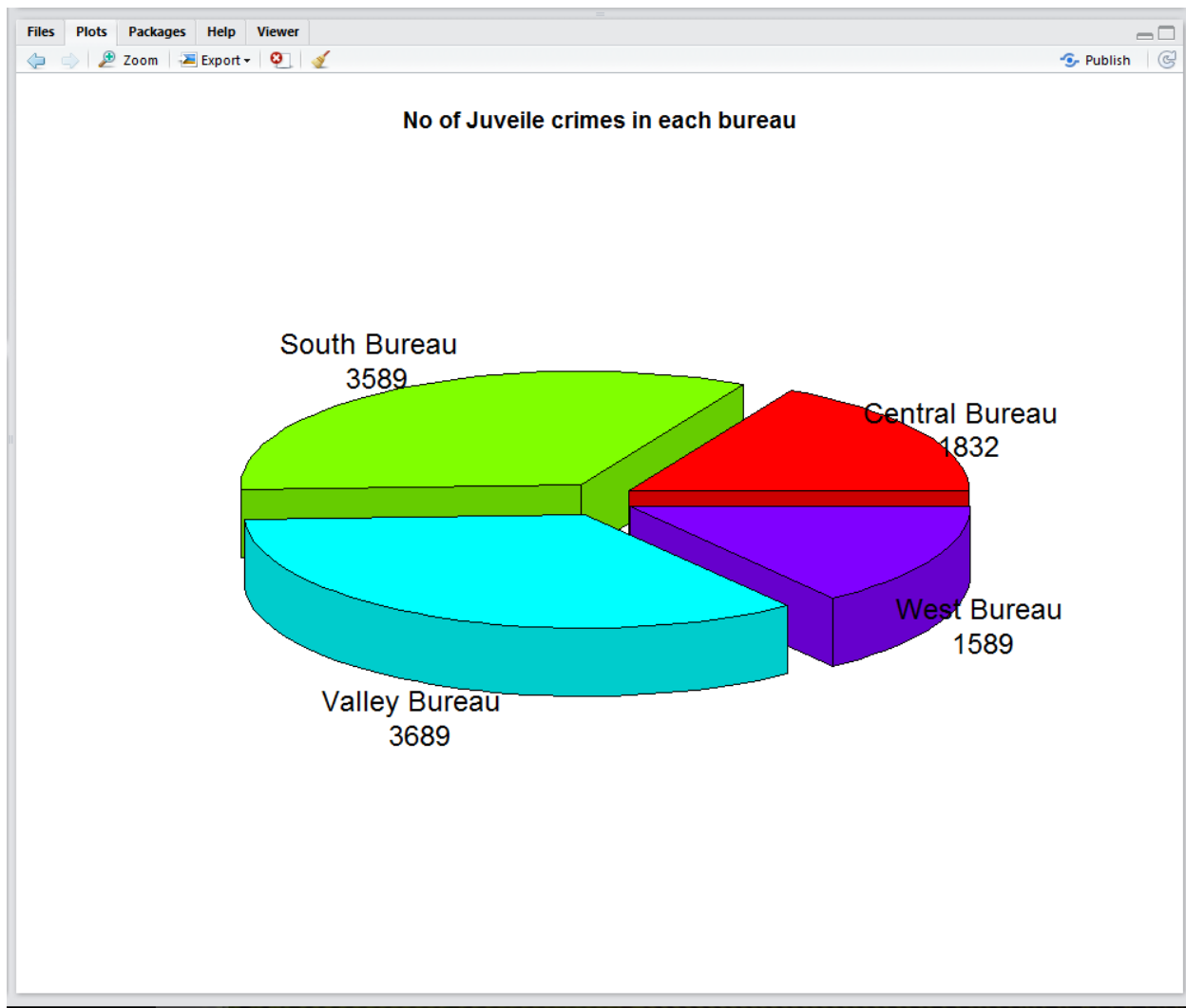
The above shows the Percentage of crimes over the years in each bureau. Valley Bureau has the maximum crime rate compared to other bureaus.

Analysis 3 : Bar Graph to show the type of crimes Juvenile committed over the years i.e 2011 – 2015

This shows that pattern of Juvenile crimes committed over the years. Most of the juvenile crime categories are of type NON and the second type is MISD. This gives us an idea about the juvenile crimes in LA.



Analysis 4 : Find which bureau ranks the most in terms of juvenile crimes committed over the years. This shows that which bureau has the maximum juvenile crime rates. We can see that South Bureau has the maximum no of juvenile crimes of about 3.5K and Central bureau has the lowest.



Crime and criminal activities can never be eradicated from our society but it can be curbed to a greater extend by the efforts from the law and enforcement department and the citizens. We as citizens do have responsibility in creating a safe living enviroment and one of the steps that we should diligently follow is to report crime if we come across one. It is not necessary that we should be the victims but we can prevents other people from being victims but reporting crimes on the spot.