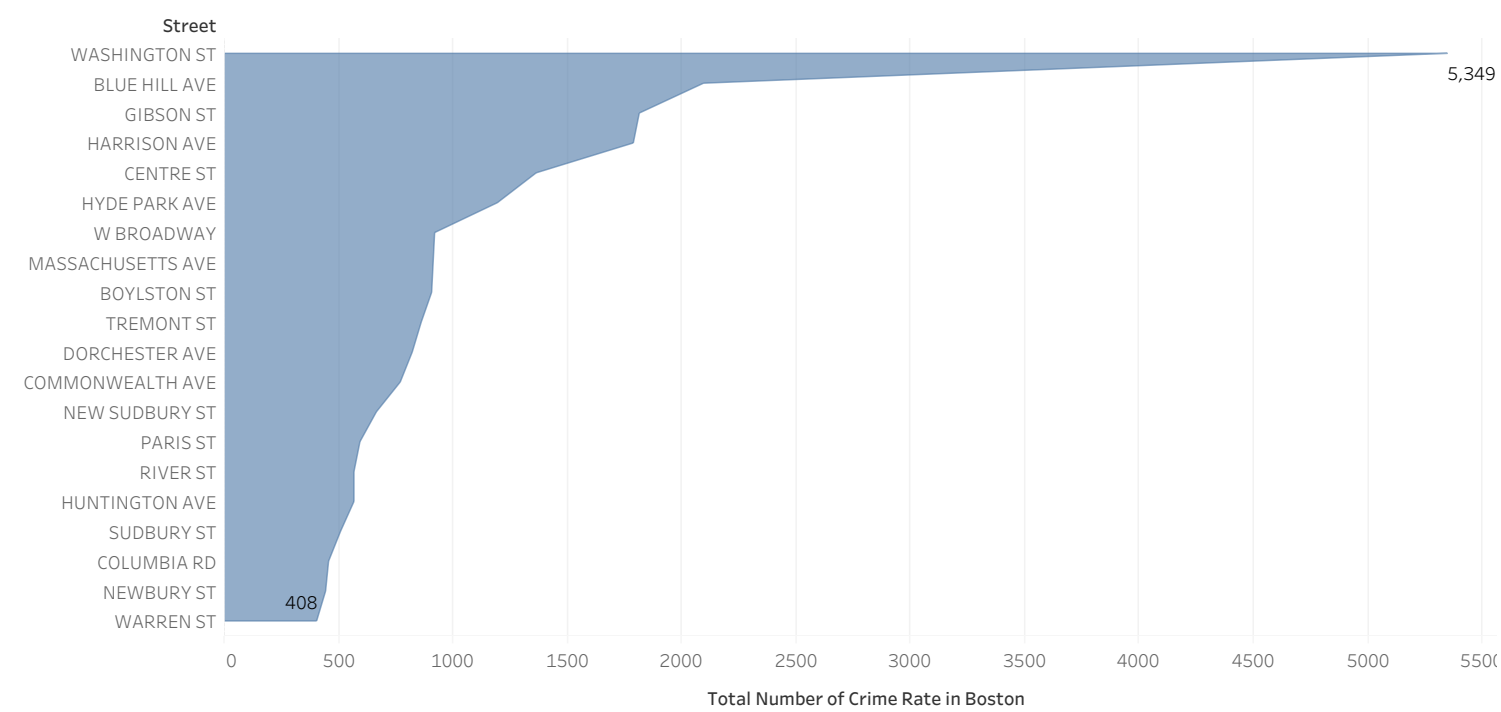


Boston Crime Rate Analysis

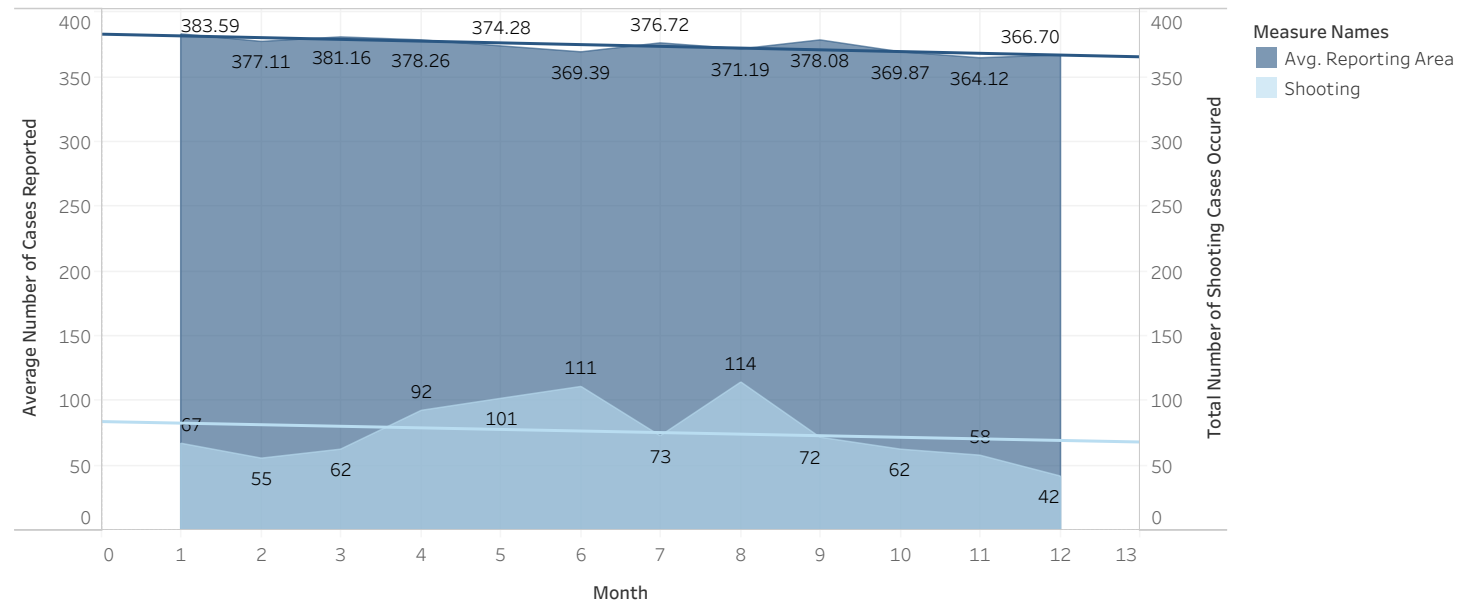
Top 15 Areas With Highest Crime Rates	Average Cases V/s Total Number of Shoo..	Avg Shooting Vs Max Reporting in Each Area	District with Highest Cases Reported	Number of Crime Rates Each Month in Boston	Top 10 Offenses	Top Streets with Highes..
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From the above plot we can interpret that "**Washington Street**" has the highest number of Crime cases occurred, so we can assume that it is the most **unsafe** place to live in. While, "**Warren Street**" has the least number of Crime Cases.

Boston Crime Rate Analysis

Top 15 Areas With Highest Crime Rates	Average Cases V/s Total Number of Shoo..	Avg Shooting Vs Max Reporting in Each Area	District with Highest Cases Reported	Number of Crime Rates Each Month in Boston	Top 10 Offenses	Top Streets with Highes..
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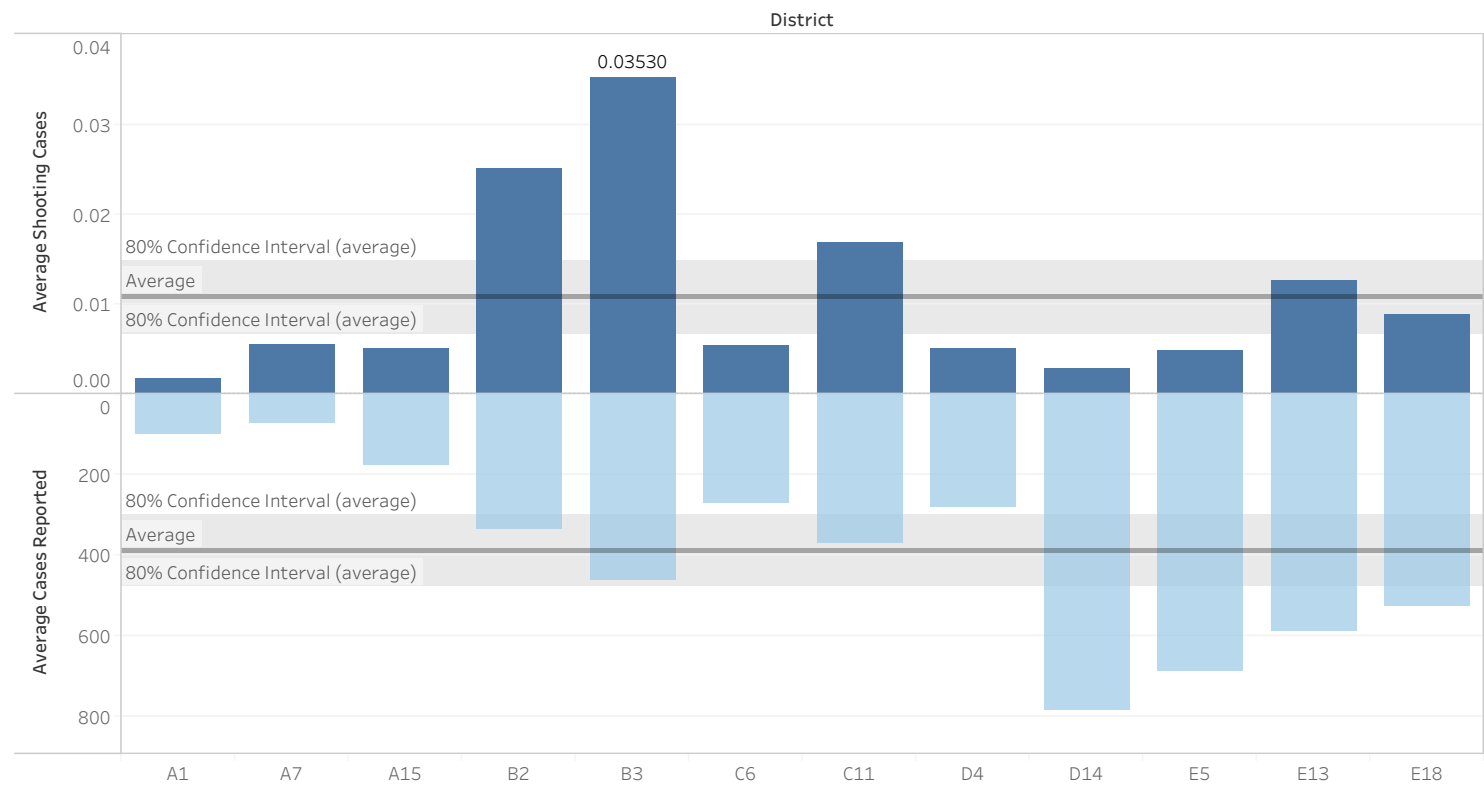


We can interpret from the graph that in "AUGUST", highest number of **Shooting Cases** occur followed by "JUNE" and "MAY".

While in "September" has the highest **Crime Cases Reported** even though there are very less number of Shooting Cases occurring.

Boston Crime Rate Analysis

Top 15 Areas With Highest Crime Rates	Average Cases V/s Total Number of Shoo..	Avg Shooting Vs Max Reporting in Each Area	District with Highest Cases Reported	Number of Crime Rates Each Month in Boston	Top 10 Offenses	Top Streets with Highes..
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We could interpret from the graph that district "B3" has the highest number of **Average Shooting Case Reported** while having **slightly more** than the average number of **Crime Case Reported**. Also, district "D14" has the highest number of **Crime cases Reported** with having less than the average number of **Shooting Cases Reported**

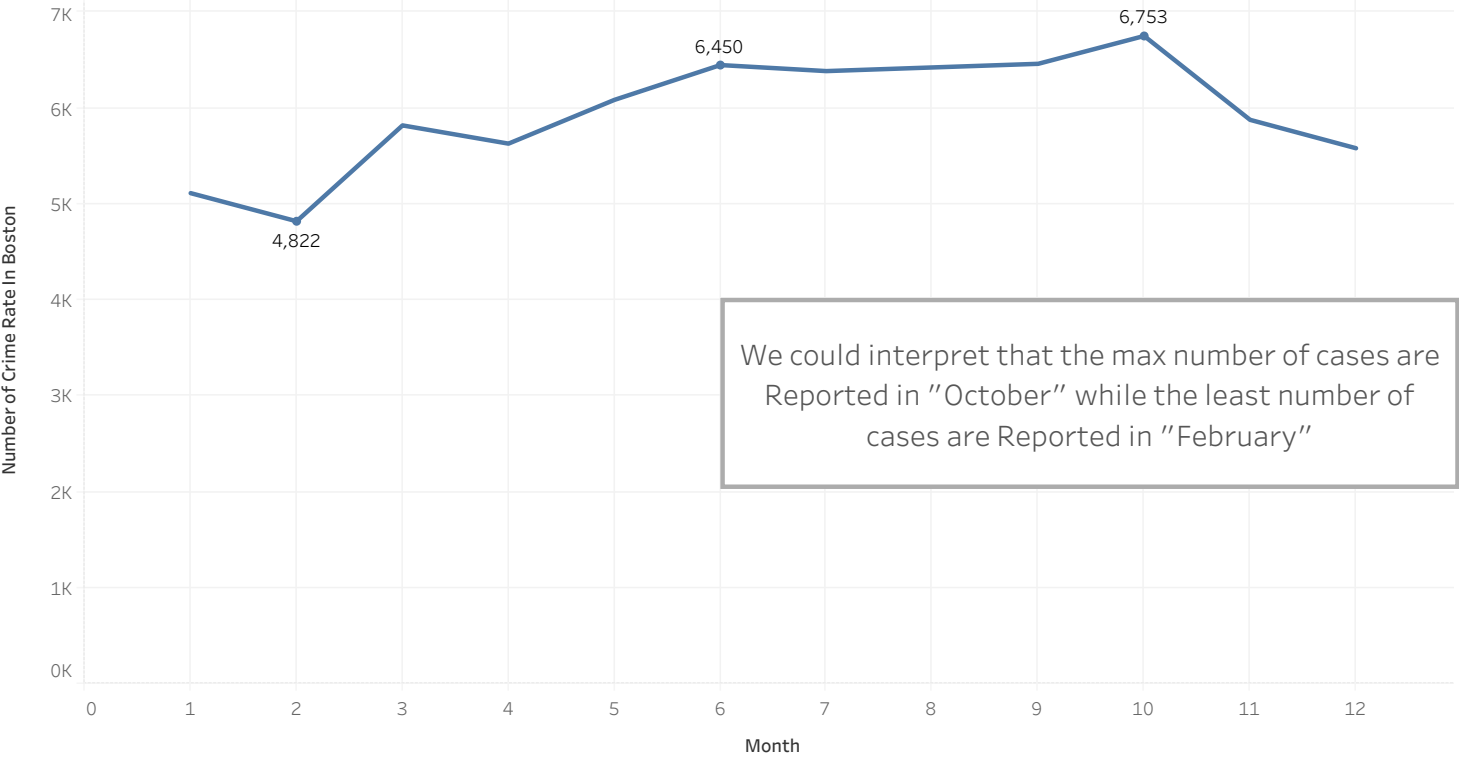
Boston Crime Rate Analysis

Top 15 Areas With Highest Cri..	Average Cases V/s Total Number of Shoo..	Avg Shooting Vs Max Reporting in Each Area	District with Highest Cases Reported	Number of Crime Rates Each Month in Boston	Top 10 Offenses	Top Streets with Highest Crime Rates
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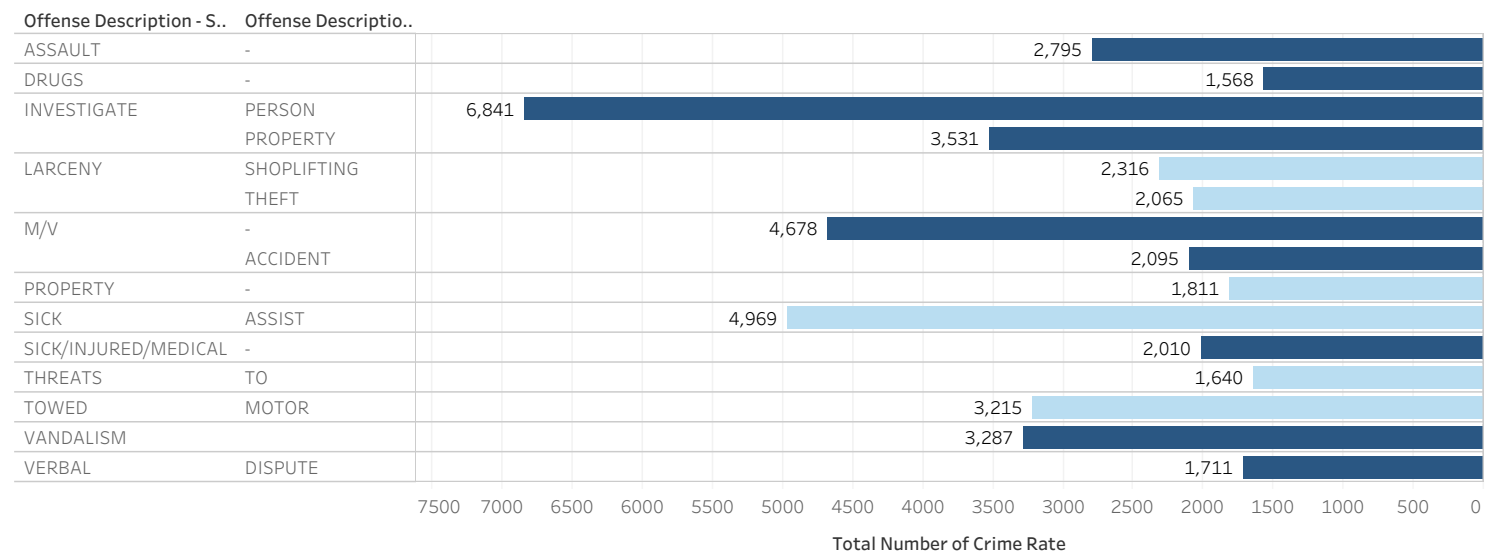
Boston Crime Rate Analysis

Average Cases V/s Total Numbe..	Avg Shooting Vs Max Reporting in Each Area	District with Highest Cases Reported	Number of Crime Rates Each Month in Boston	Top 10 Offenses	Top Streets with Highest Crime Rates	Top District Areas with highest numb..
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Boston Crime Rate Analysis

Avg Shooting Vs Max Reporting i..	District with Highest Cases Reported	Number of Crime Rates Each Month in Boston	Top 10 Offenses	Top Streets with Highest Crime Rates	Top District Areas with highest number of Sh..	Top 15 Offenses Reported
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From the above plot, we can interpret that highest number of Crime Rate occurred for "Personal Investigation" offense while the lowest crime rate occurred during "Verbal Dispute"

Boston Crime Rate Analysis

District with Highest Cases R..	Number of Crime Rates Each Month in Boston	Top 10 Offenses	Top Streets with Highest Crime Rates	Top District Areas with highest number of Sh..	Top 15 Offenses Reported	Total Number of Crime Rate in each ..
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WASHINGTON ST
Total Crime Rate: 5,349
Shoting Reported: 38

GIBSON ST
Total Crime Rate: 1,817
Shoting Reported: 0

HYDE PARK AVE
Total Crime Rate: 1,198
Shoting Reported: 3

W



HARRISON AVE
Total Crime Rate: 1,791
Shoting Reported: 4

TREMONT ST
Total Crime Rate: 865
Shoting Reported:

PARIS ST
Total Crime Rate: 593
Shoting

BLUE HILL AVE
Total Crime Rate: 2,097
Shoting Reported: 24

CENTRE ST
Total Crime Rate: 1,365
Shoting Reported: 7

DORCHESTER AVE
Total Crime Rate: 822
Shoting Reported:

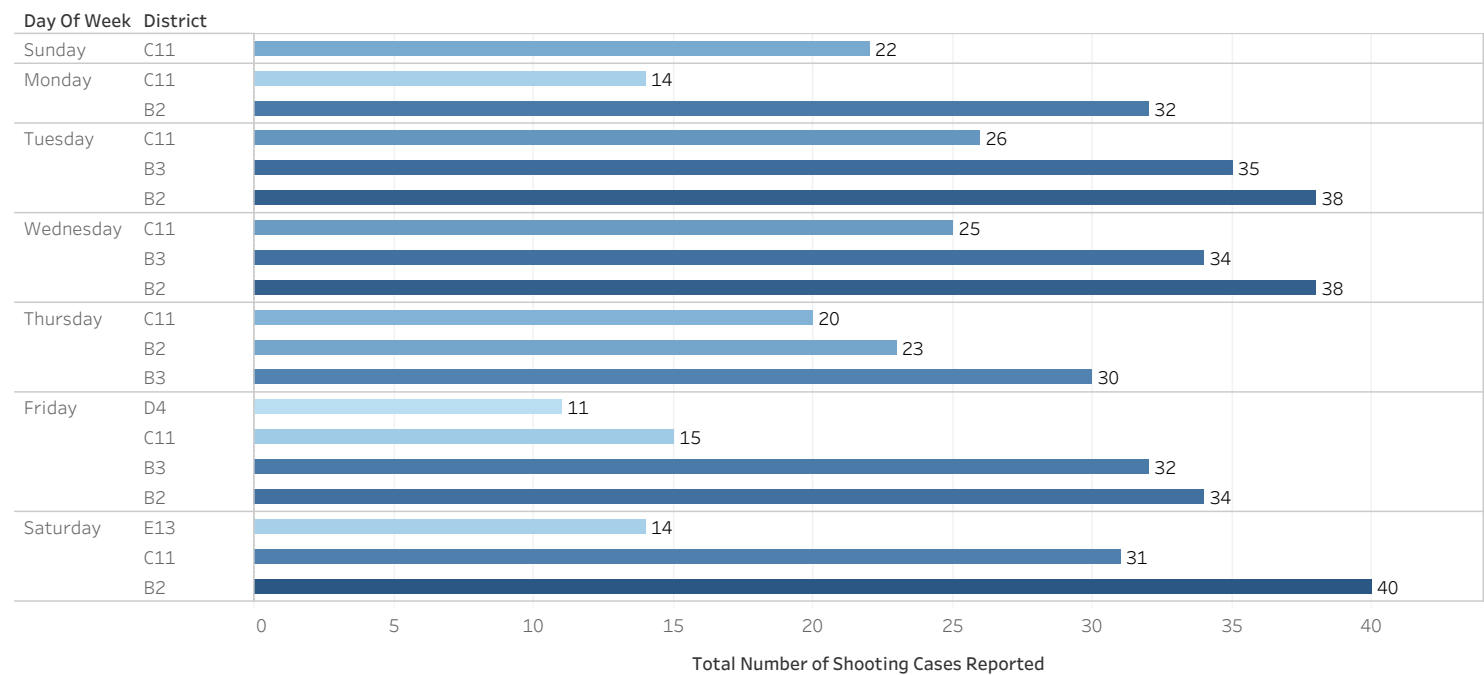
NEW SUDBURY ST
Total Crime

RIVER ST
Total Crime Rate: 571
Shoting

We could interpret from the Tree map that the highest number of Shooting occured in "Washington Street" with also having the highest number of Crime Rates in the same area.

Boston Crime Rate Analysis

Number of Crime Rates Each Mon..	Top 10 Offenses	Top Streets with Highest Crime Rates	Top District Areas with highest number of Sh..	Top 15 Offenses Reported	Total Number of Crime Rate in each District i..	Total number of Crime Cases V/s Ca..
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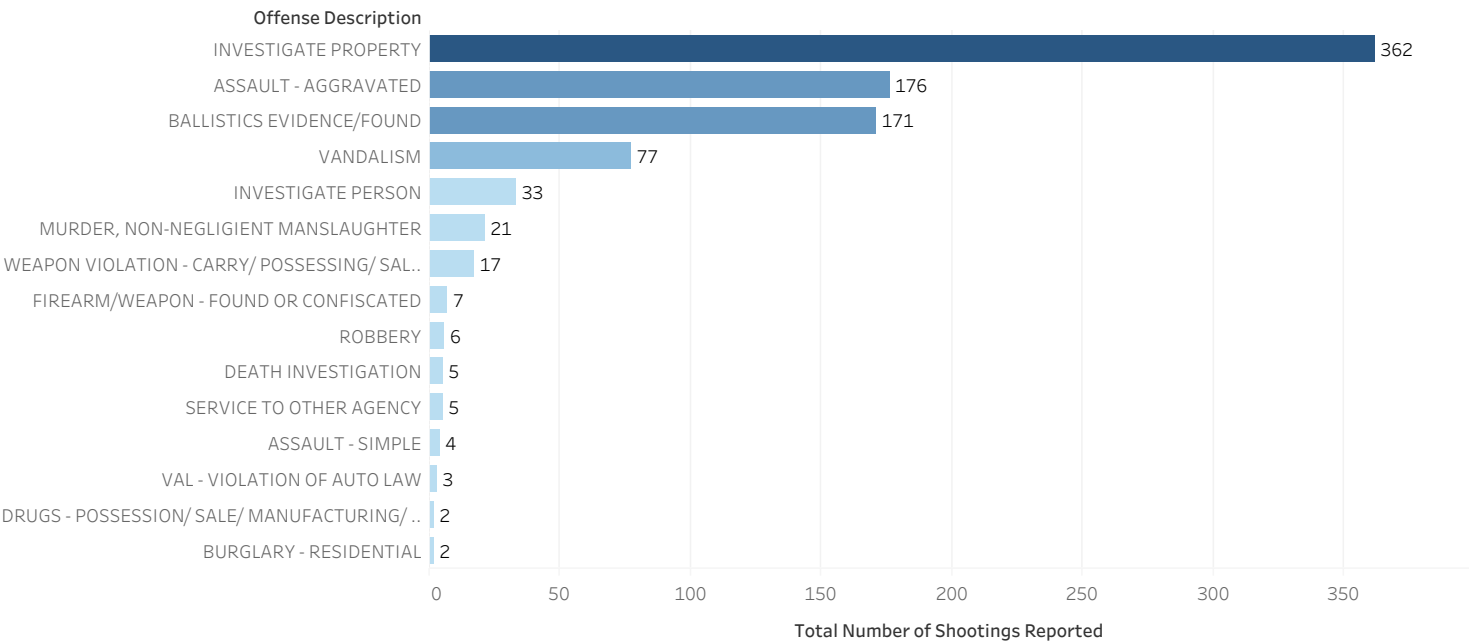


We can interpret from the given plot that "B2" has the highest number of Shooting cases Reported on "Saturdays" than on any day of the week.

While the least number of shooting cases are reported on "Fridays" at "D4" districts.

Boston Crime Rate Analysis

Top 10 Offenses	Top Streets with Highest Crime Rates	Top District Areas with highest number of Sh..	Top 15 Offenses Reported	Total Number of Crime Rate in each District i..	Total number of Crime Cases V/s Cases repor..	Total number of Crime Rate V/s Nu..
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We could interpret that "Investigate Property" offense has the highest number of Shooting cases reported while "Residential Burglary" has the lowest number of Shooting cases Reported

Boston Crime Rate Analysis

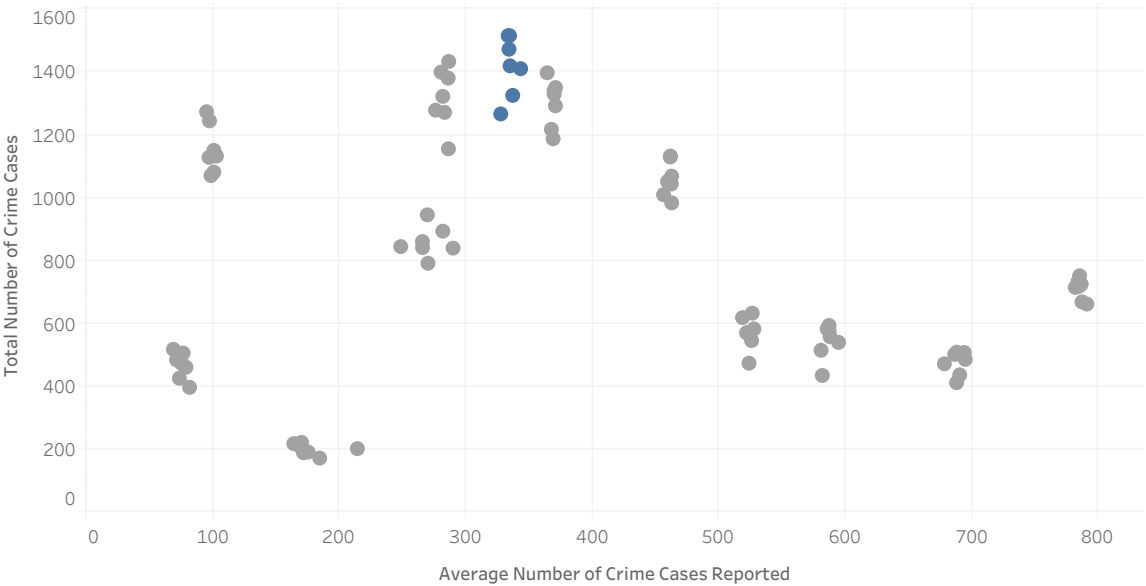
Top 10 Offenses	Top Streets with Highest Crime Rates	Top District Areas with highest number of Sh..	Top 15 Offenses Reported	Total Number of Crime Rate in each District i..	Total number of Crime Cases V/s Cases repor..	Total number of Crime Rate V/s Number of C..
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Day Of Week	District											
	A1	A7	A15	B2	B3	C6	C11	D4	D14	E5	E13	E18
Sunday	1,129	397	172	1,267	984	842	1,188	1,156	662	412	435	474
Monday	1,082	461	191	1,420	1,130	861	1,351	1,279	725	509	540	619
Tuesday	1,071	426	202	1,411	1,052	792	1,330	1,400	669	472	515	571
Wednesday	1,151	472	209	1,473	1,044	845	1,341	1,381	719	502	583	633
Thursday	1,133	484	222	1,516	1,010	840	1,293	1,323	715	486	577	583
Friday	1,245	506	218	1,516	1,133	894	1,398	1,434	734	508	594	569
Saturday	1,274	518	189	1,326	1,069	946	1,218	1,272	752	437	558	546

From this plot we can interpret that the highest number if Crime Rate occure at "**B2**" district on "**Thursdays**" and "**Fridays**".
So to avoid this, the Govt. can deploy more Police Force at "**B2**" disctricts on the given days of the week.

Boston Crime Rate Analysis

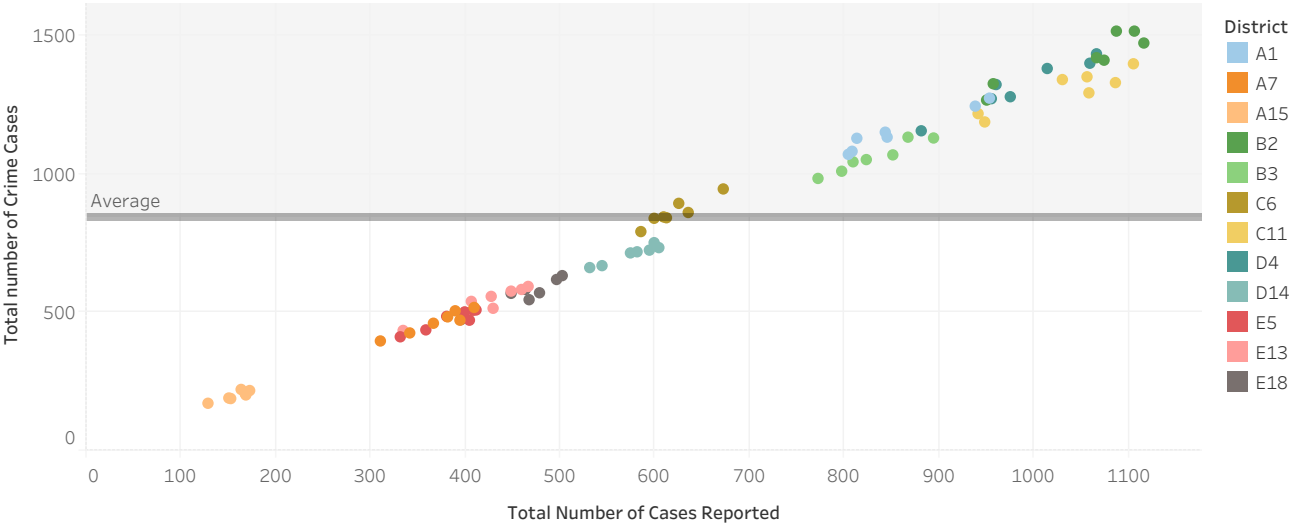
Top 10 Offenses	Top Streets with Highest Crime Rates	Top District Areas with highest number of Sh..	Top 15 Offenses Reported	Total Number of Crime Rate in each District i..	Total number of Crime Cases V/s Cases repor..	Total number of Crime Rate V/s Number of C..
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From the above Scatter plot, we can interpret that for "B2" district is one of the districts having the highest number of Crime Cases occurred in Boston with having less number of average Crime Cases Reported when compared with other districts.

Boston Crime Rate Analysis

Top 10 Offenses	Top Streets with Highest Crime Rates	Top District Areas with highest number of Sh..	Top 15 Offenses Reported	Total Number of Crime Rate in each District i..	Total number of Crime Cases V/s Cases repor..	Total number of Crime Rate V/s Number of C..
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We can interpret from the above graph that, "B2" district has the highest number of Crime Rates occurred among other districts while "A15" has the lowest number of Crime Rates Occured and Reported at the same time