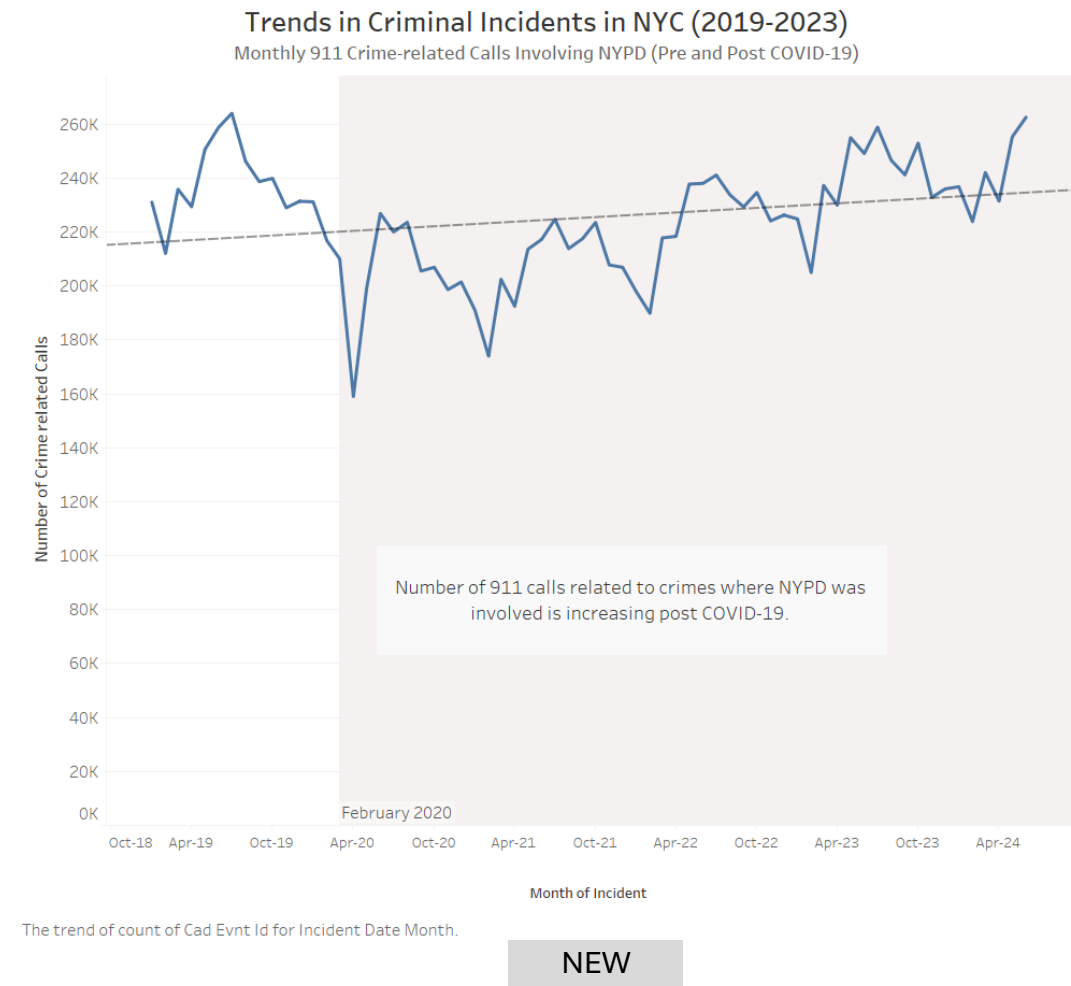
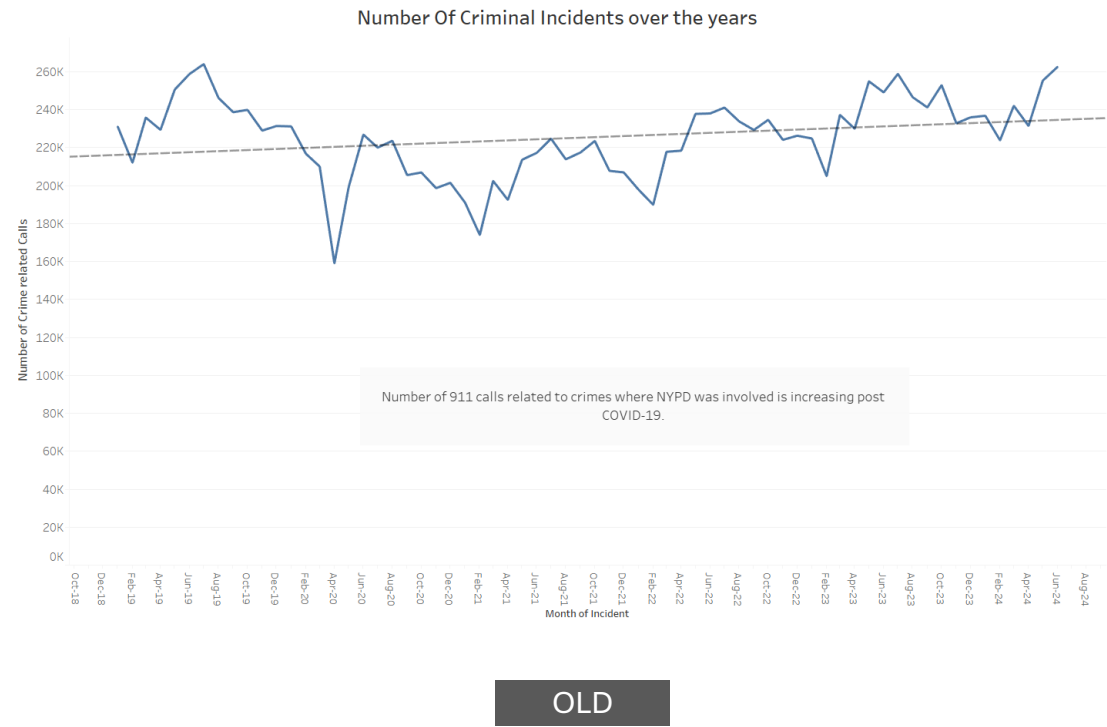


M5 Project Work: Review Previous Tables and Graphs

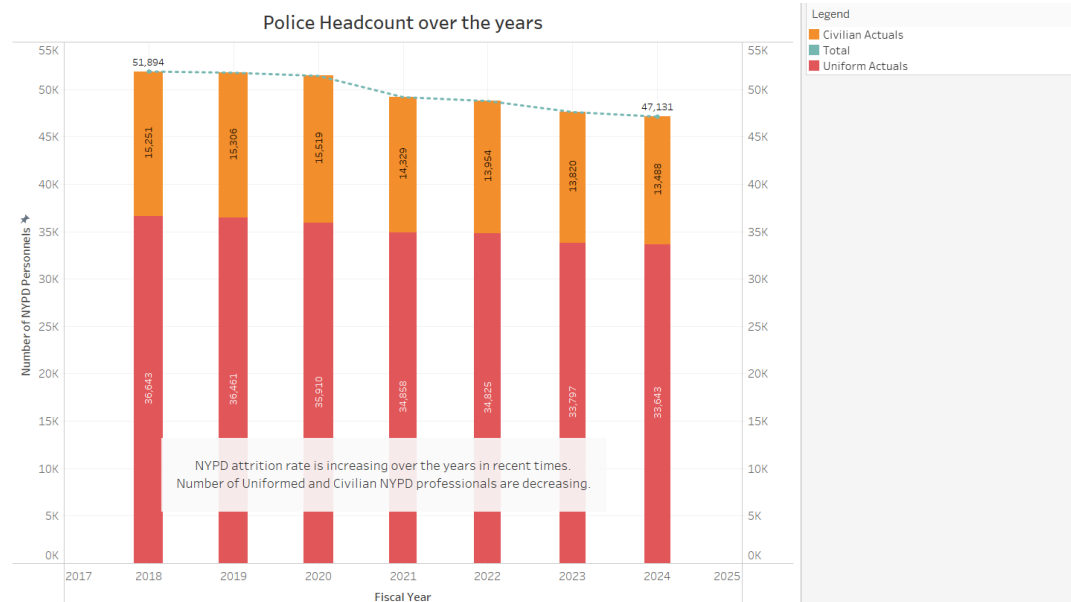
Group-6 (Team Sherlock's)

- Tushar Ahuja
- Aswin Karthik Panneer Selvam
- Nandini Reddy Basupally
- Shashank Shekhar

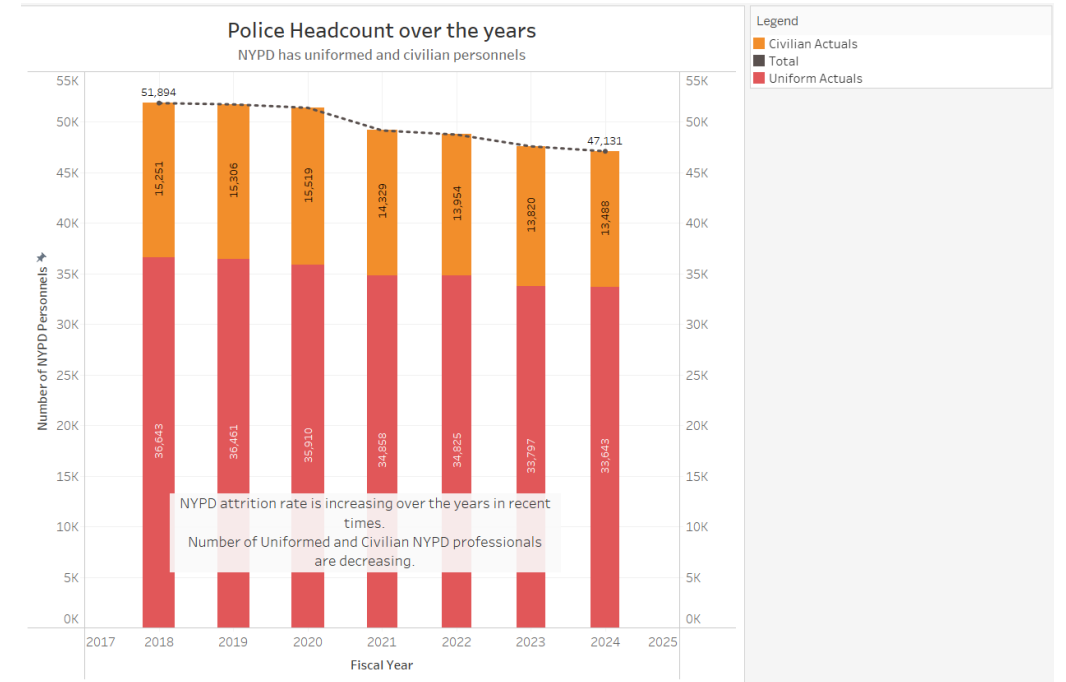


Reason

In the latest graph update, we made the title more specific and added a context about the time period. We grouped the x-axis by year and month to make trends easier to spot. We replaced abbreviations like "444K" with full numbers for clarity and added color grids to highlight the highest and lowest values. We also included annotations for key events, like "COVID-19 Lockdown," to help connect external factors to crime trends.



OLD



NEW

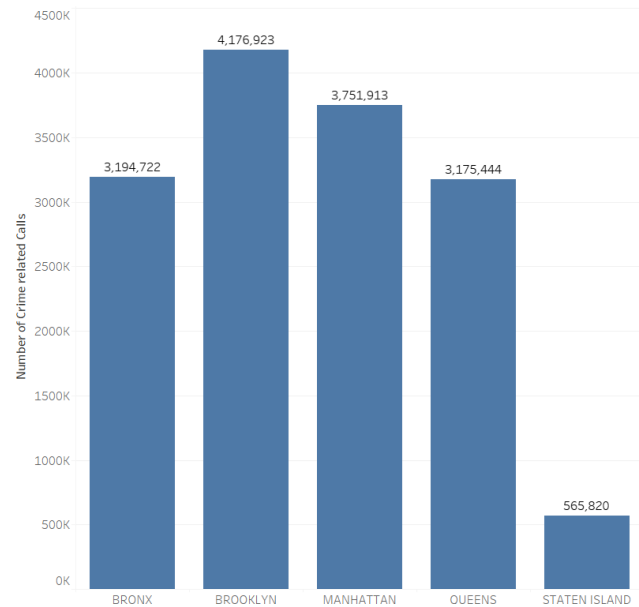
Reason

In the updated version of the graph, the subtitle has been included and the Total line is bolder and more highlighted.

There is not much of a change in this graph since it conveys the correct information.

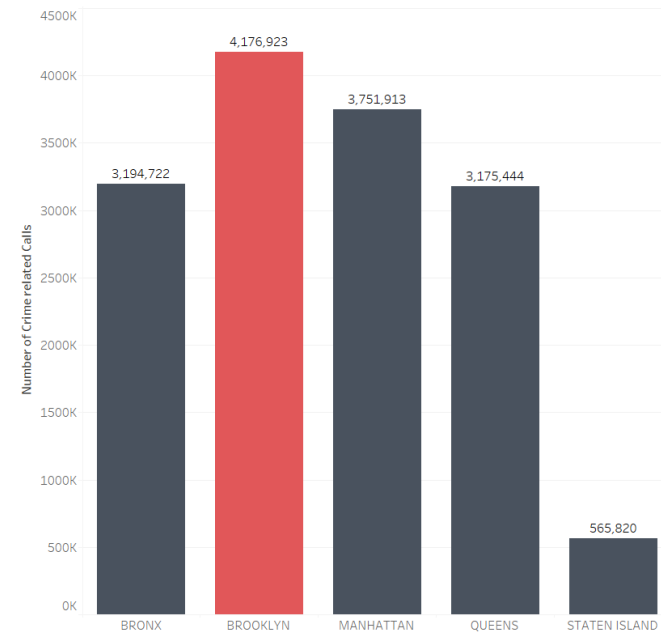
VIZ 3

Number of Criminal Incidents across Boroughs of NYC



OLD

Number of Criminal Incidents across Boroughs of NYC



Count of Main Type for each Boro Nm. Color shows details about min_max_flag_cnt_main_type.

NEW

Reason

In the updated version of the graph, the bar with the maximum number of criminal incident is highlighted which conveys the main information that Brooklyn has the highest number of crimes reported.

TABLE 1

Police Headcount over the years

	2018	2019	2020	2021	2022	2023	2024
Civilian Actuals	15,251	15,306	15,519	14,329	13,954	13,820	13,488
Uniform Actuals	36,643	36,461	35,910	34,858	34,825	33,797	33,643
Total	51,894	51,767	51,429	49,187	48,779	47,617	47,131

OLD

Police Headcount over the Years

NEW

	2018	2019	2020	2021	2022	2023	2024
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Uniform Headcount	36,643	36,461	35,910	34,858	34,825	33,797	33,643

Reason

The updated table improves clarity by showing the overall headcount on the top. The bifurcation of the headcounts into Civilian and Uniform provides more details. The font size of these subsidiary rows are smaller than the Overall headcount.

The viewer can understand how much the overall NYPD force is decreasing across the years.

TABLE 2

OLD

Number of Criminal Incidents across various NYPD shifts

	Evening Shift	Morning Shift	Overnight Shift	Grand Total
Sunday	709,750	518,893	829,985	2,058,628
Monday	750,072	612,311	709,816	2,072,199
Tuesday	775,315	625,629	691,839	2,092,783
Wednesday	783,440	624,818	700,511	2,108,769
Thursday	779,095	623,255	712,151	2,114,501
Friday	833,091	638,867	762,198	2,234,156
Saturday	765,618	569,821	848,347	2,183,786
Grand Total	5,396,381	4,213,594	5,254,847	14,864,822

Reason

In the updated version of the table , We have highlighted the maximum number of shifts across each day of the week.

NEW

Number of Criminal Incidents across various NYPD shifts

Day Of Week	Evening Shift	Morning Shift	Overnight Shift	Total
Sunday	709,750	518,893	829,985	2,058,628
Monday	750,072	612,311	709,816	2,072,199
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Total	5,396,381	4,213,594	5,254,847	14,864,822

TABLE 3

Number of Criminal Incidents Reported in Boroughs of NYC across Day of the Week

	Day Of Week							Grand Total
	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
BRONX	444K	447K	450K	453K	452K	478K	471K	3,195K
BROOKLYN	577K	586K	592K	596K	596K	628K	603K	4,177K
MANHATTAN	509K	517K	531K	536K	541K	568K	551K	3,752K
QUEENS	451K	443K	441K	444K	445K	475K	476K	3,175K
STATEN ISLAND	77K	79K	80K	81K	81K	85K	83K	566K
Grand Total	2,059K	2,072K	2,093K	2,109K	2,115K	2,234K	2,184K	14,865K

OLD

NYC Crime Incidents by Borough and Day of Week (Cumulative Total)

Data covers reported criminal incidents from [2019-2023] across five NYC boroughs.

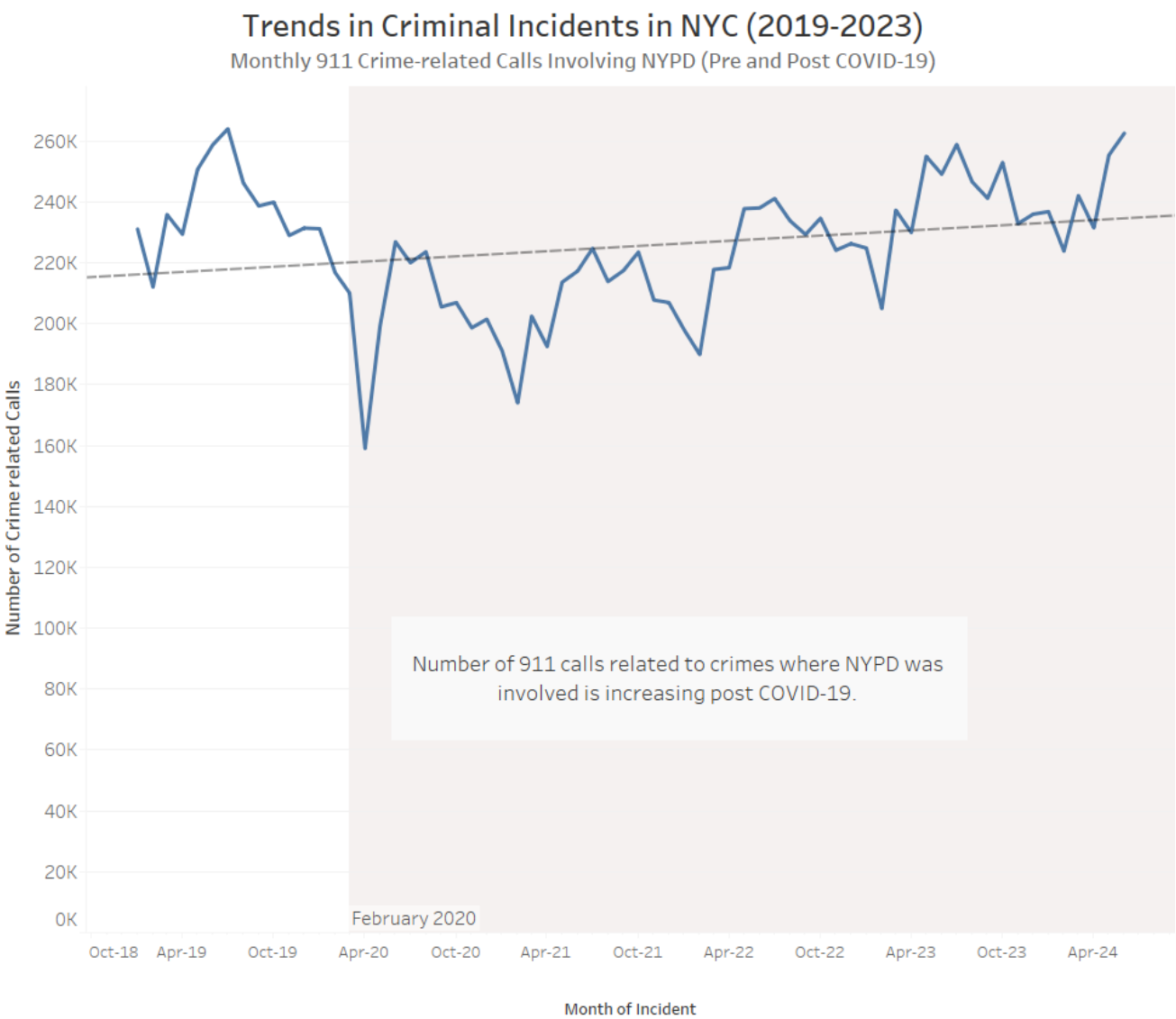
NEW

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Total
BRONX	444,299	446,544	449,672	452,711	452,131	478,298	471,067	3,194,722
BROOKLYN	576,745	586,443	591,558	595,612	595,712	628,080	602,773	4,176,923
MANHATTAN	509,164	516,654	530,640	536,174	540,594	567,911	550,776	3,751,913
QUEENS	451,184	443,348	441,324	443,536	445,465	474,744	475,843	3,175,444
STATEN ISLAND	77,236	79,210	79,589	80,736	80,599	85,123	83,327	565,820
Total	2,058,628	2,072,199	2,092,783	2,108,769	2,114,501	2,234,156	2,183,786	14,864,822

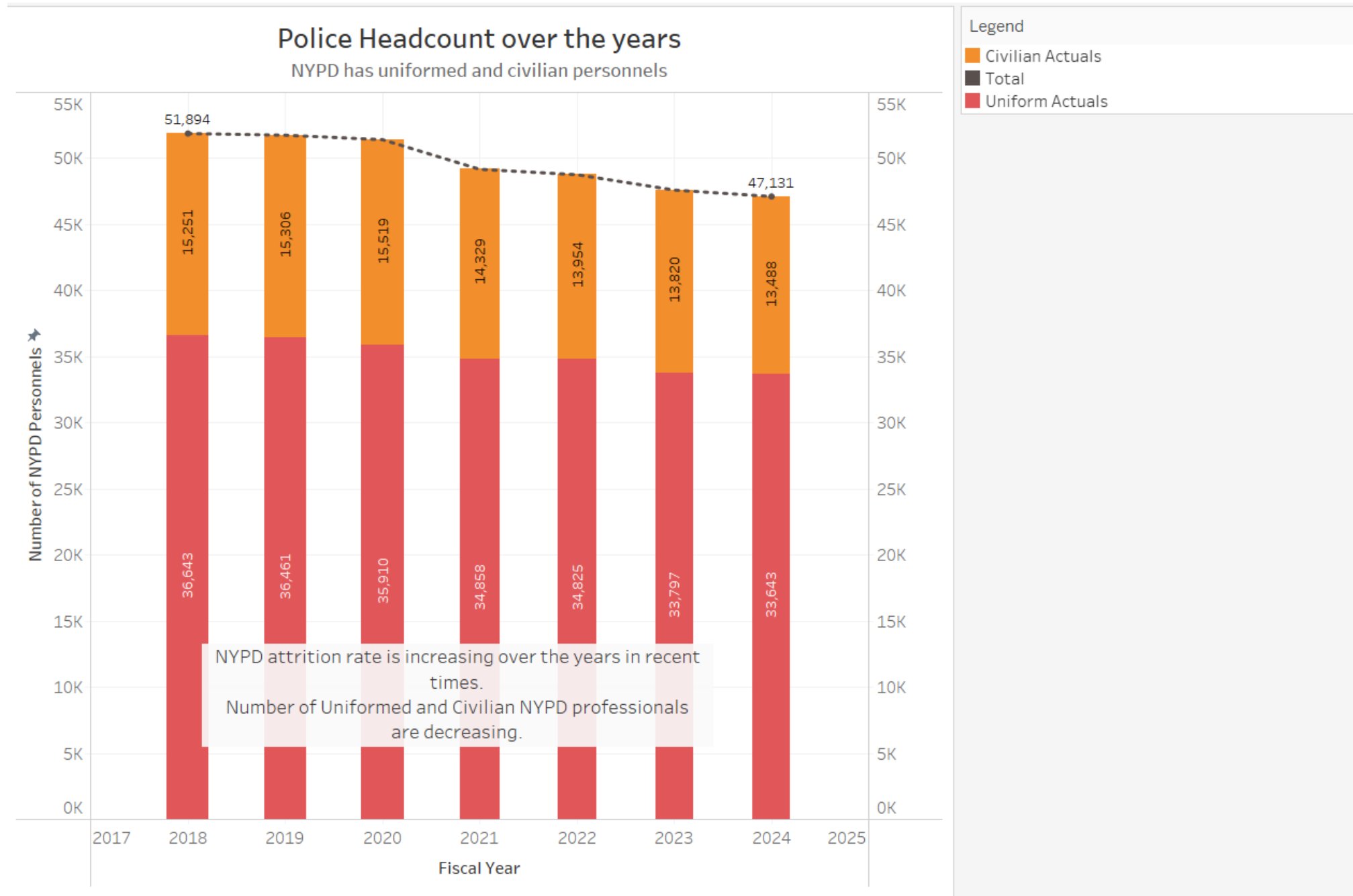
Reason

In the updated version of the table, the title and subtitle gives a better context to the table. The highest number of crimes reported across days of week and the boroughs are highlighted for easier understanding. Overall formatting of the headers and the values are changed to convey the information directly.

New Visualizations - Individual

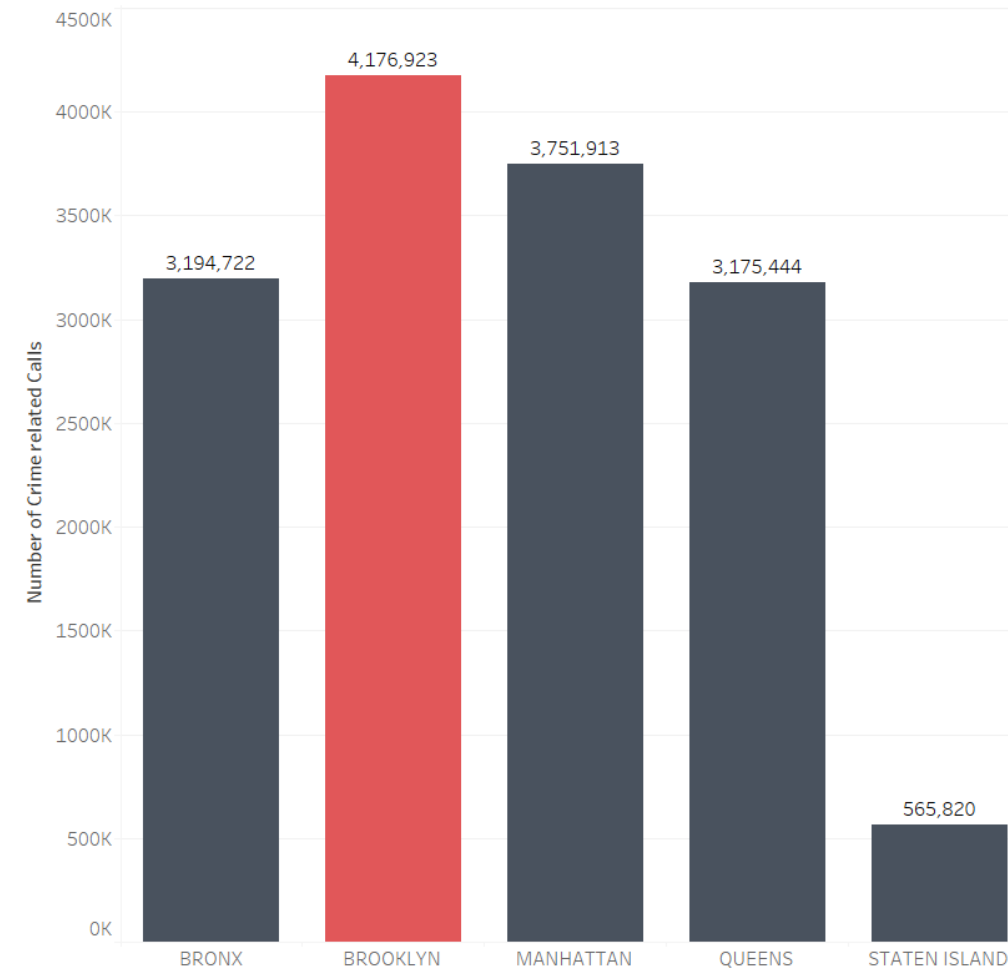


The trend of count of Cad Evnt Id for Incident Date Month.



VIZ 3

Number of Criminal Incidents across Boroughs of NYC



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