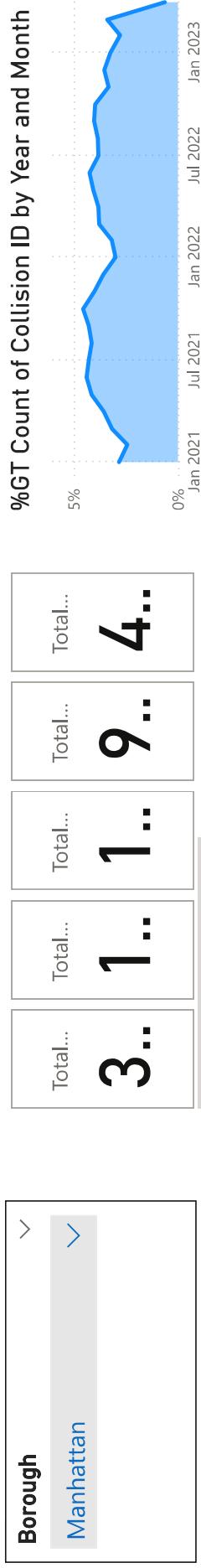


NYC Motor Vehicle Collisions Analysis



This report analyzes **238421** collisions reported by NYPD from January 2021 to April 2023. The data covers all **boroughs**, including **cross streets** and **street names**. It provides insights on persons injured, killed and contributing factors.



DateOffTheWeek	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Total	
Wednesday	222	79	74	55	59	80	153	201	312	294	285	292	302	310	325	348	383	328	350	311	256	219	225	198	5661	
Tuesday	191	67	80	40	43	80	135	212	279	300	269	253	312	333	357	362	330	361	342	256	211	201	198	175	5387	
Thursday	230	99	72	66	56	87	135	200	302	295	279	338	324	339	357	364	364	384	360	353	292	228	200	223	199	5782
Sunday	312	256	177	169	205	125	92	90	120	120	134	169	218	224	246	268	255	246	246	249	195	213	203	183	4715	
Saturday	342	275	195	229	180	117	118	114	186	152	187	224	244	259	261	301	294	290	287	287	312	249	245	273	5621	
Monday	223	111	94	56	79	106	138	182	274	241	253	240	252	277	284	344	327	278	292	218	218	189	151	151	4978	
Friday	247	122	87	82	81	84	155	210	279	301	271	336	333	314	345	347	367	345	347	310	282	276	263	275	6090	
Total	1767	1009	779	697	703	679	926	1209	1752	1703	1678	1852	1985	2056	2175	2334	2340	2248	2208	1923	1702	1547	1508	1454	38234	

Collisions By day of the week insight:

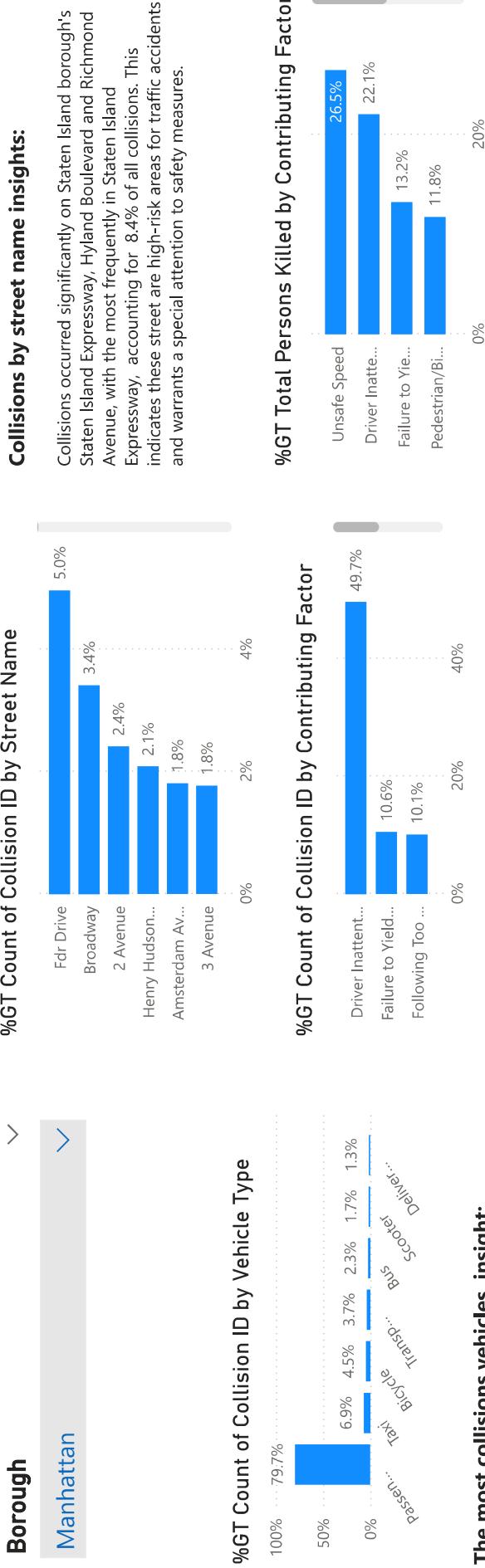
Collisions are most frequent between 2: 00 PM to 5:00 PM on weekdays, followed by 8 AM, indicating that the increased traffic during rush hour leads higher accident risk. Comparatively , the lowest collision rate occurs between 1:00 AM to 6:00 AM, the time when people least activity.



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Fatal Accident by contributing factor insight:

The top contributing factor for fatal accidents is unsafe speed, accounting for 34.8% for all fatal accidents. Among the top 7 most frequently involved vehicle types, passenger vehicles were the most frequent, accounting for 94.5% of all collisions in all borough. This indicates that all regular cars are most frequently involved in accidents. Emphasizes the need to pay attention to traffic safety.

Designed: Shufen Yin | August 2025 | Data Source Motor Vehicle Collisions (NYC Open Data)