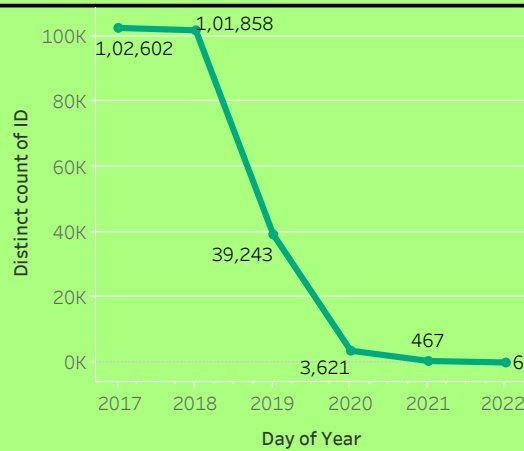
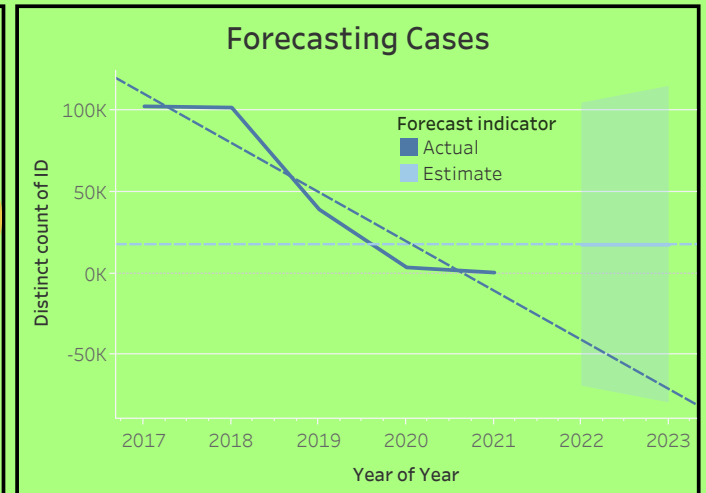
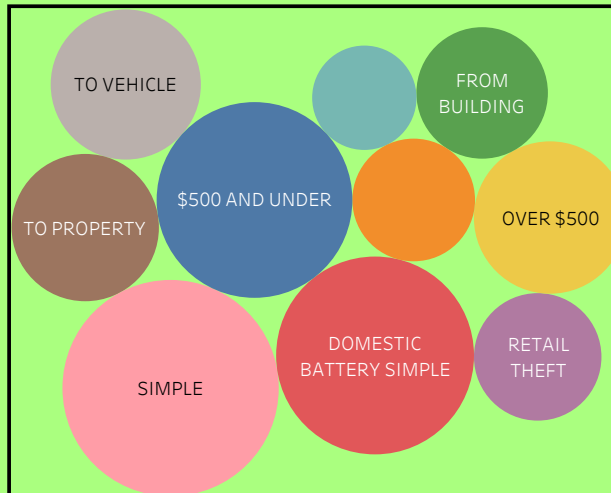
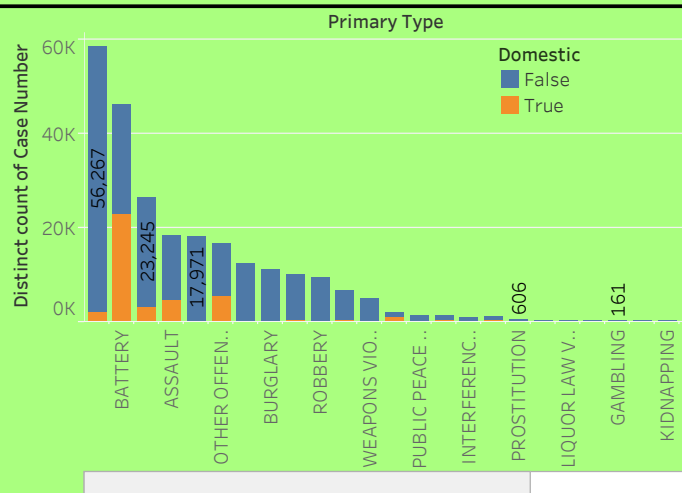
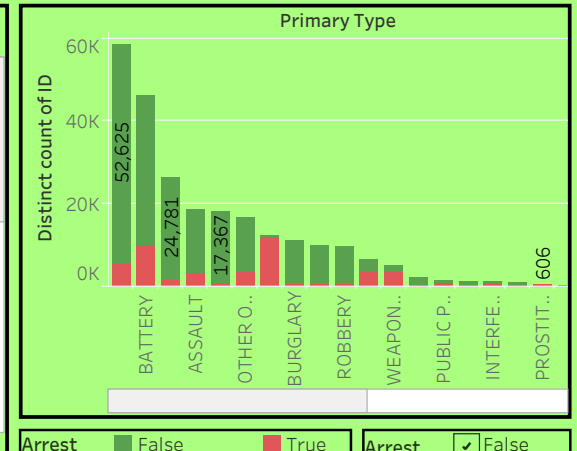


CRIME DATA ANALYSIS



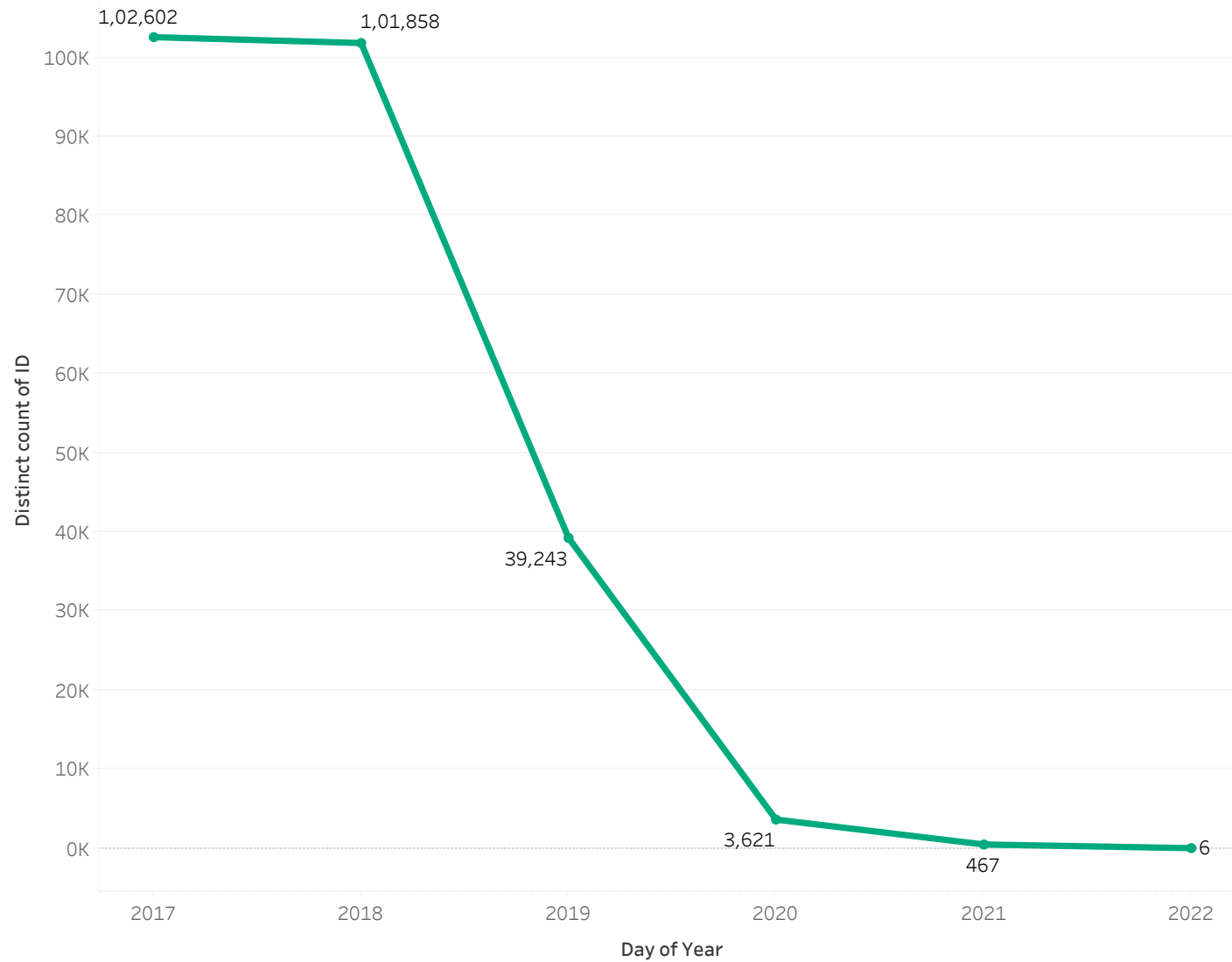
Updated On	Primary Type	
	THEFT	BATTERY
2018-10-02 15:50:01	21,064	16,132
2018-04-05 15:51:04	6,560	5,360
02/14/2017 03:49:42 PM	1,943	1,612
01/18/2019 09:37:14 AM	1,198	894
2019-10-01 15:16:50	422	379
2018-11-08 16:12:27	192	169
2018-12-08 15:59:11	190	170
2018-10-06 15:50:33	155	178
07/13/2018 03:50:04 PM	159	112
08/19/2018 04:03:34 PM	141	172
2018-08-07 16:08:06	148	156
2018-08-06 15:51:14	164	147
2018-09-08 16:00:26	208	129
2018-08-09 16:01:32	143	148
2018-08-11 15:17:57	170	134

Primary ..	Year of Year			
	2017	2018	2019	2020
THEFT	24,311	24,335	9,049	6
BATTERY	18,800	19,042	7,439	6
CRIMINA..	11,213	10,520	4,136	4
ASSAULT	7,248	7,815	3,116	2
DECEPTI..	7,580	7,490	2,785	2
OTHER O..	6,823	6,812	2,778	1
NARCOTI..	4,616	5,169	2,426	1
BURGLA..	4,857	4,375	1,460	3
MOTOR ..	4,427	3,919	1,409	1
ROBBERY	4,509	3,721	1,105	1
CRIMINA..	2,672	2,739	1,092	1
WEAPON..	1,762	2,092	962	1
OFFENSE..	918	882	343	1
PUBLIC P..	583	558	243	1
CRIMIN..	622	521	152	1



CASES PER YEAR

AS THE BELOW LINE CHART SHOWS THE DOWNTREND IT CAN BE TAKEN AS POSITIVE SCENARIO AND CRIME RATE HAS BEEN DECREASED .



Total Primary Type of complaints year-wise

AS WE CAN SEE MAJOR PRIMARY TYPE OF COMPLAINTS ARE THEFT,BATTERY,CRIMINAL DAMAGE THEY ARE HIGH IN 2017 TILL 2019 AND SIGNIFICANTLY DECREASED AFTER 2019 IT'S A POSITIVE TAKEAWAY BUT WE NEED TO CONSIDERED THE CAUSES OF SPIKEUP IN CASES DURING 2017 TO 2019 AS WEL..

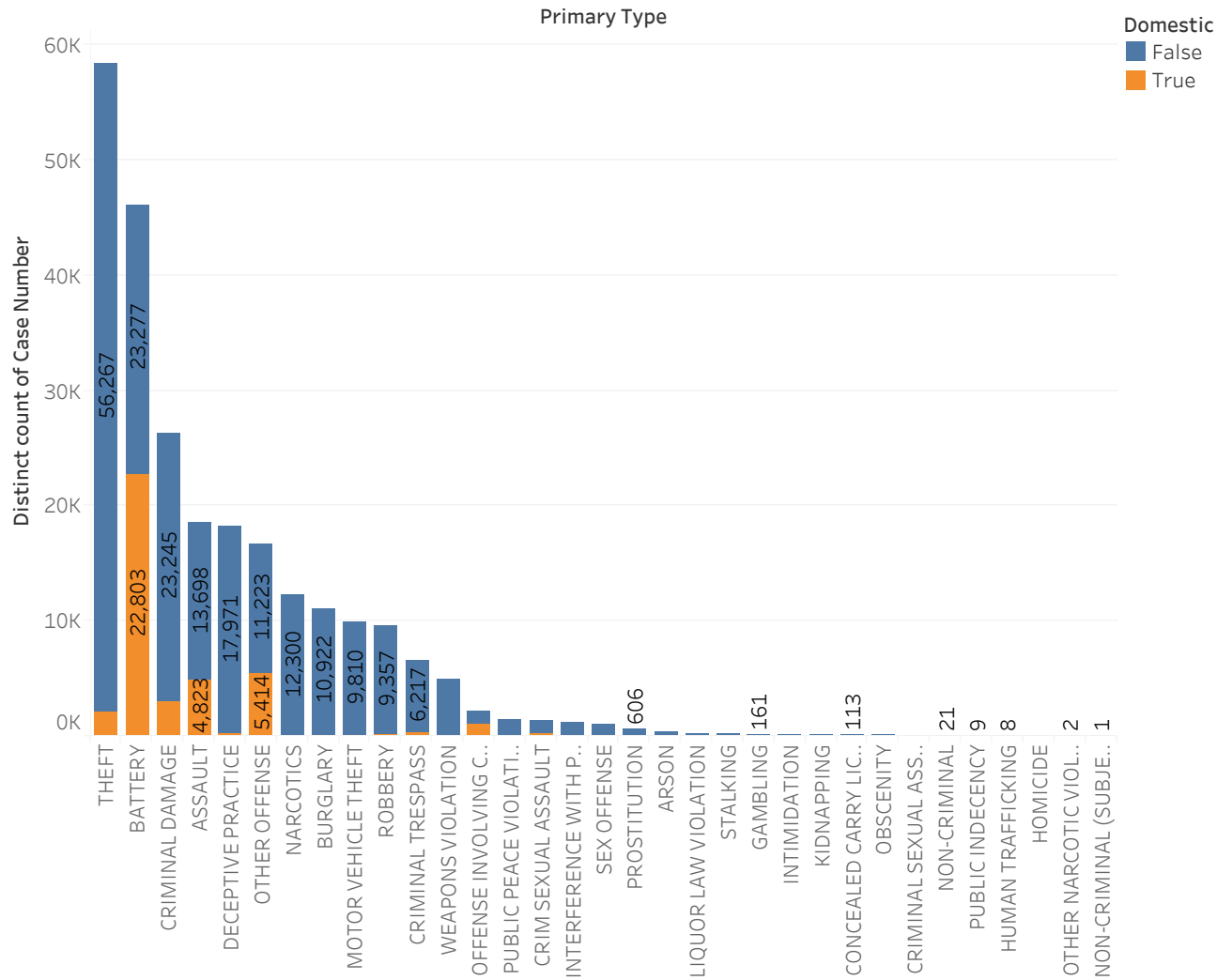
Primary Type	Year of Year					
	2017	2018	2019	2020	2021	2022
THEFT	24,311	24,335	9,049	621	117	1
BATTERY	18,800	19,042	7,439	699	100	
CRIMINAL DAMAGE	11,213	10,520	4,136	422	54	2
ASSAULT	7,248	7,815	3,116	298	44	
DECEPTIVE PRACTICE	7,580	7,490	2,785	288	35	
OTHER OFFENSE	6,823	6,812	2,778	191	32	1
NARCOTICS	4,616	5,169	2,426	95	4	
BURGLARY	4,857	4,375	1,460	345	16	
MOTOR VEHICLE TH..	4,427	3,919	1,409	173	16	
ROBBERY	4,509	3,721	1,105	176	9	1
CRIMINAL TRESPASS	2,672	2,739	1,092	47	4	1
WEAPONS VIOLATIO..	1,762	2,092	962	159	22	
OFFENSE INVOLVIN..	918	882	343	18	5	
PUBLIC PEACE VIOL..	583	558	243	19	1	
CRIM SEXUAL ASSA..	623	521	152			
INTERFERENCE WIT..	409	515	242	8		
SEX OFFENSE	392	441	160	20	2	
PROSTITUTION	242	249	115			
ARSON	165	142	46	6	3	
LIQUOR LAW VIOLAT..	86	111	33	2		
STALKING	79	87	32	6		
GAMBLING	77	73	9	2		
INTIMIDATION	63	60	30	5	1	
KIDNAPPING	67	55	31	3		
CONCEALED CARRY ..	26	62	22	3		
OBSCENITY	32	35	5	1	1	
CRIMINAL SEXUAL A..	6	14	16	14	1	
NON-CRIMINAL	11	10				
PUBLIC INDECENCY	3	5	1			
HUMAN TRAFFICKING		5	3			
HOMICIDE	1	3	2			
OTHER NARCOTIC VI..		1	1			
NON-CRIMINAL (SU..	1					

Distinct count of Ca..

1  24,335

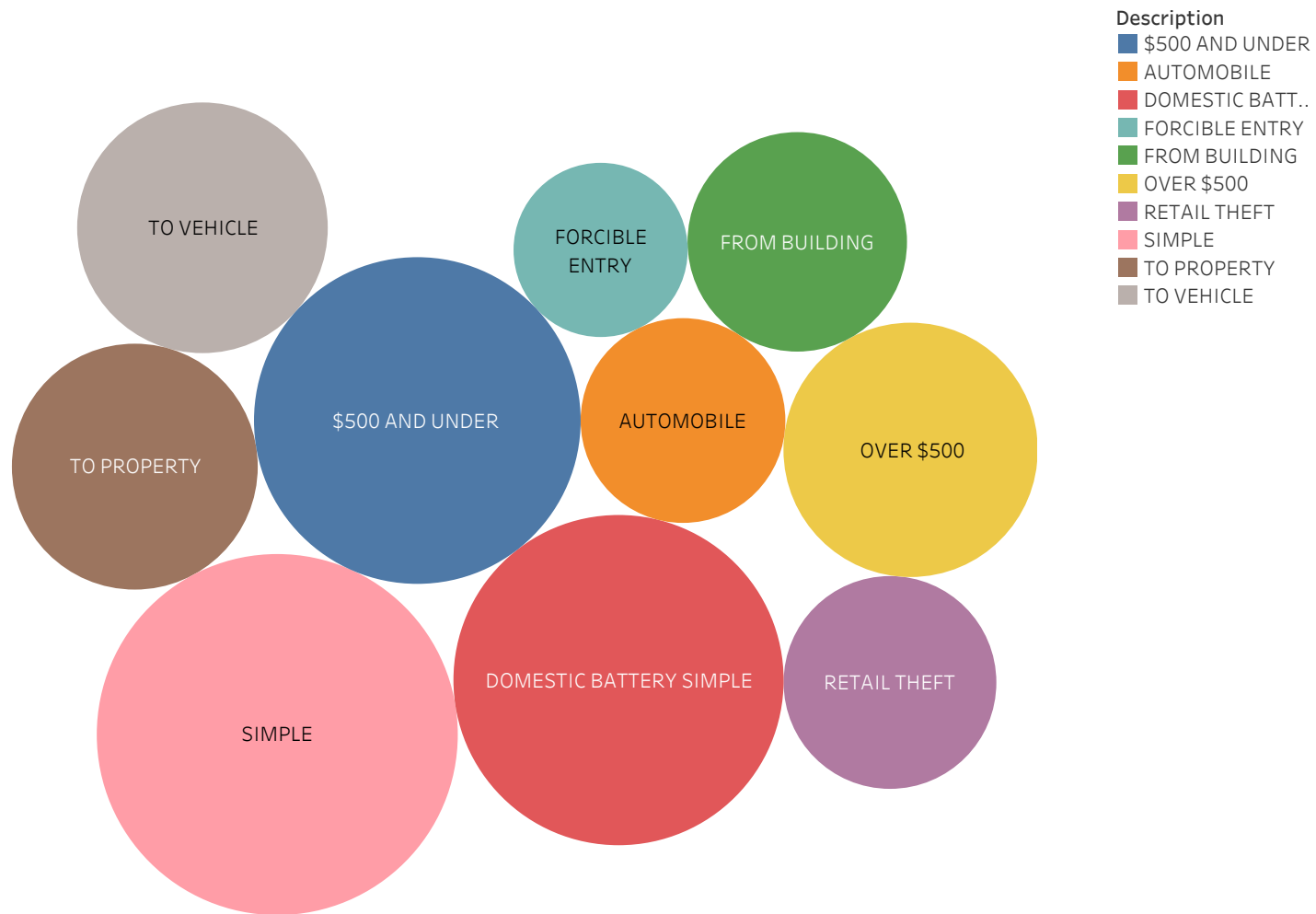
IDENTIFYING WHETHER COMPLAINTS ARE DOMESTIC OR NOT

AS WE CAN SEE MAJOR COMPLAINTS ARE NOT DOMESTIC IN NATURE MAJORLY IT SHOWS FALSE LIKE THEFT,BATTERY,CRIMINAL DAMAGE FOLLOWED BY OTHERS SO WE NEED TO FIND THE UNDERLYING CAUSE OF BELOW TYPE OF COMPLAINTS WHICH ARE NOT DOMESTIC IN NATURE.



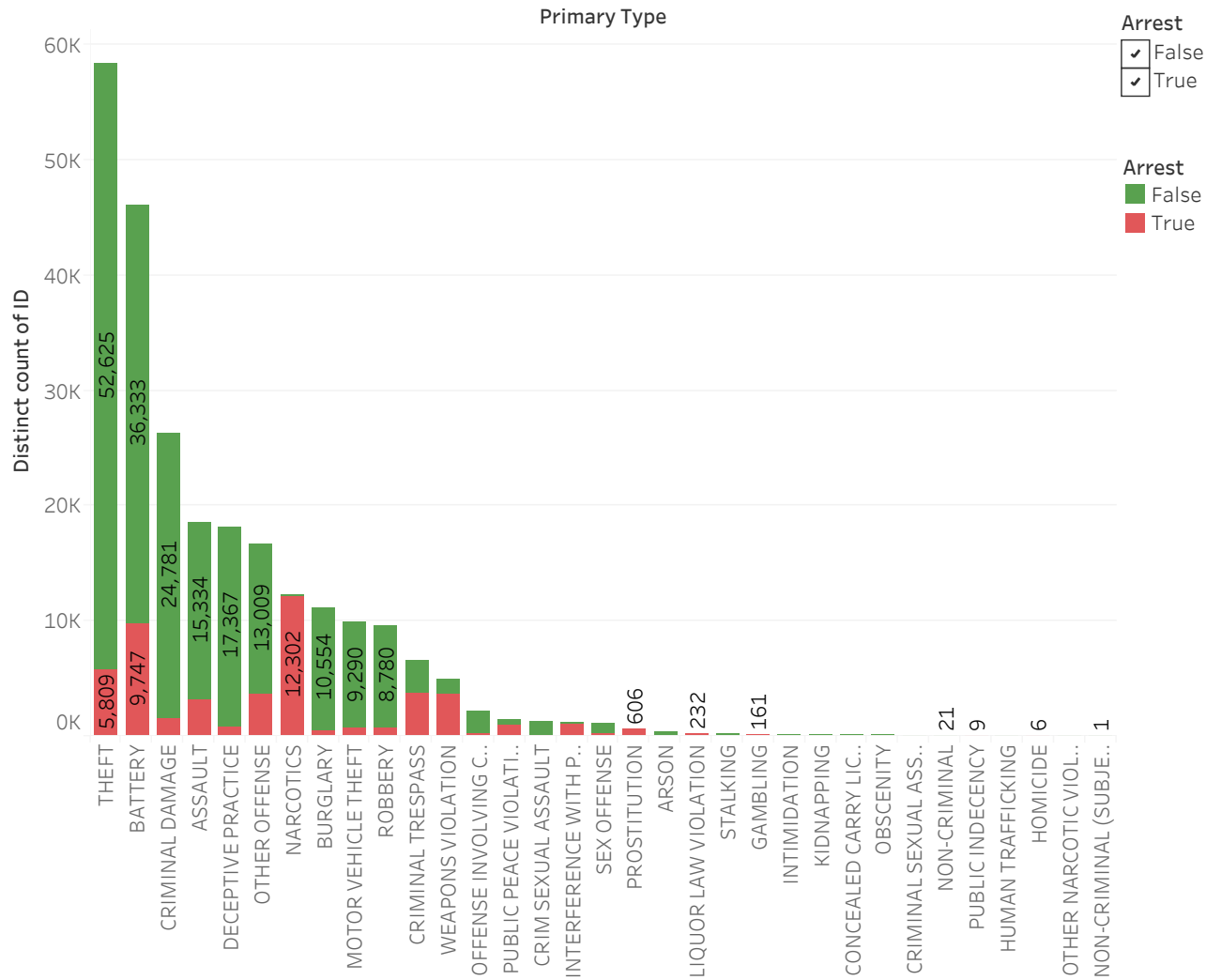
Bubble Chart for Top 10 description wise cases count

AS WE CAN SEE SIMPLE, DOMESTIC BATTERY
SIMPLE, \$500 AND UNDER ARE SOME OF THE MAJOR
PRIMARY TYPE COMPLAINT DESCRIPTION.



TOTAL ARREST

AS WE CAN CONCLUDE THAT MAJOR COMPLAINTS OCCURED IN THEFT,BATTERY,CRIMINAL DAMAGE BUT THE ARREST RATIO IS ALSO TOO LOW MAJORLY THERE WERE NO ARREST IN SUCH SCENARIO SO THIS MIGHT THE ISSUE FOR INCREASING THESE TYPE OF CRIMINAL COMPLAINTS. WE SHOULD STRICTLY EXAMINE WHY THE ARREST HAS NOT TAKEN PLACE AND WHAT KIND OF PENALTY HAS BEEN IMP..



UPDATE STATUS

MAJOR COMPLAINTS HAS BEEN UPADTED ON 2018-10-02 AND 2018-04-05 WHICH BELONGS TO THEFT,BATTERY,CRIMINAL WE NEED TO EXAMINE THE CAUSE OF SUCH BULK UPDATING ON RESPECTIVE CASES.

Updated On	Primary Type							Distinct count of ID
	THEFT	BATTERY	CRIMINAL ..	DECEPTIV..	ASSAULT	OTHER OF..	BURGLARY	
2018-10-02 15:50:01	21,064	16,132	9,568	6,401	6,274	5,762	4,053	1
2018-04-05 15:51:04	6,560	5,360	2,991	2,147	2,223	2,050	1,182	
02/14/2017 03:49:42 PM	1,943	1,612	1,055	538	570	638	463	
01/18/2019 09:37:14 AM	1,198	894	545	284	329	330	243	
2019-10-01 15:16:50	422	379	249	110	138	118	87	
2018-11-08 16:12:27	192	169	80	22	49	35	38	
2018-12-08 15:59:11	190	170	88	27	67	37	23	
2018-10-06 15:50:33	155	178	85	21	57	46	30	
07/13/2018 03:50:04 PM	159	112	88	44	59	49	32	
08/19/2018 04:03:34 PM	141	172	103	24	59	45	23	
2018-08-07 16:08:06	148	156	76	27	62	51	36	
2018-08-06 15:51:14	164	147	78	30	61	44	33	
2018-09-08 16:00:26	208	129	79	28	43	32	32	
2018-08-09 16:01:32	143	148	65	33	61	45	32	
2018-08-11 16:17:57	170	131	87	33	59	46	21	
08/17/2020 03:50:01 PM	86	114	91	18	47	28	178	
2018-12-05 15:56:14	162	173	92	26	53	34	24	
2018-10-08 16:09:29	216	130	67	42	44	33	20	
2018-09-06 15:50:10	164	154	69	39	55	47	24	
08/17/2018 04:03:37 PM	188	118	62	38	54	34	30	
07/15/2018 03:50:07 PM	127	185	82	21	58	39	27	
2018-08-05 15:56:32	156	159	87	40	62	46	21	
08/18/2018 03:57:27 PM	150	151	78	28	55	33	32	
05/16/2018 04:12:54 PM	157	139	75	38	57	41	33	
05/14/2018 03:52:59 PM	168	133	71	35	56	42	24	
07/14/2018 03:51:39 PM	149	150	87	26	58	49	25	
06/16/2018 03:51:19 PM	168	134	97	24	40	28	22	
08/15/2018 04:09:09 PM	196	115	68	25	56	49	22	
2018-08-08 16:16:44	174	135	74	39	57	29	27	
2018-09-07 16:19:49	177	139	76	25	53	44	23	
2018-11-07 15:55:29	123	188	96	10	52	33	25	
2018-09-09 15:57:45	139	159	73	20	50	33	20	
2018-12-07 15:56:08	146	134	88	22	60	38	25	

FORECASTINGS CASES

FORECASTING THE CASES AS WE CAN SEE THERE IS A CLEAR DOWN TREND AND THE ESTIMATE FORECAST VALUE IS SOMEHOW ARROUND 17K .

