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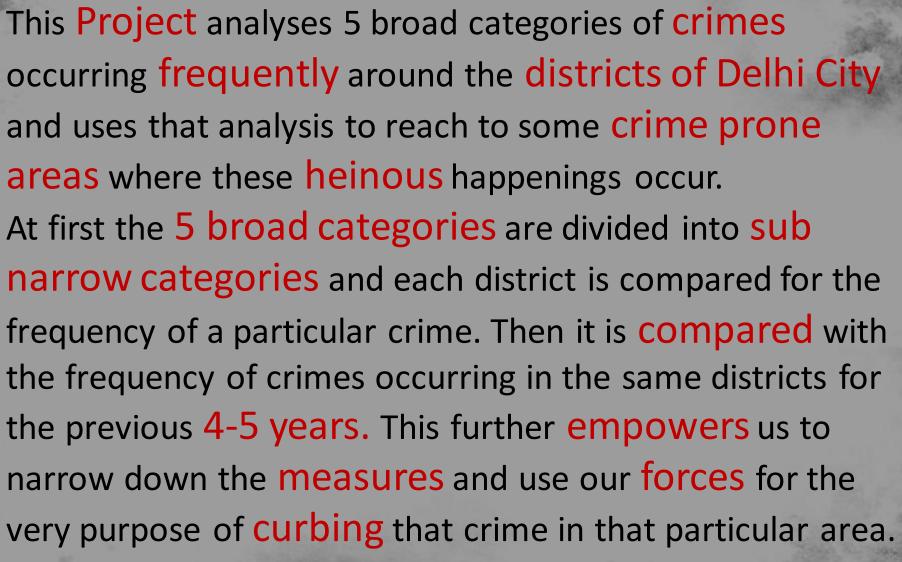


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Mohammad Zaid Nadeem







Purpose of the Project:

Delhi, a crime hub of our country, leads other cities in heinous happenings. Looking at this grim picture of our country's capital, this project helps in highlighting those districts which are prone to crime and the comparison of each with its previous years occurring helps us finding the measures that can be helpful for our law enforcement agencies to implement them and make our dwelling city safer to live.



Data Procurement and Data Sources:

- https://ncrb.gov.in/sites/default/files/crime_in_in_dia_table_additional_table_chapter_reports/Distr_ictwise%20Crime%20against%20Women_2020.xl_sx
- https://ncrb.gov.in/crime-in-india-tablecontents?field_date_value[value][year]=2020&fie
 ld_select_additional_table_ti_value=All&items_p
 er_page=All
 - Crime in India Additional Table Contents
 National Crime Records Bureau (ncrb.gov.in)



All the crimes are divided into five broad categories

- Crimes against women
- Crimes against Children
 - Human Trafficking
 - Homicides
 - Robbery, Theft, Dacoity, Burglary

For each category, separate dataset has been prepared Like this given below.

														1000	02753	AT PROPERTY.	Barrier .		
			2020		2019			2018			2017			Total(2017-20)					
8															Categories	5			
A	reas	POCSO	IPC	SLL	POCSO	IPC	SLL	POCSO	IPC	SLL	POCSO	IPC	SLL	POSCO	IPC	SLL	Total (IPC+	SLL+POSCO)
С	entral	55	150	57	87	239	104	96	231	104	61	293	67	299	913	332	1544		
С	rime Branch	0	0	0	0	1	0	0	2	0	0	0	0	0	3	0	3		
E	ast	62	236	65	102	326	120	144	402	156	127	348	135	435	1312	476	2223		
E	ow	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
IC	GI Airport	0		0	0	0	0	3		3	0	0	0	3	1	3			
N	/letro	0	1	0	5	5	5	1	3	1	0	12	0	6	21	6	33		
N	lew Delhi	12							59		13	73			204				
N	lorth	45			71					51	69	282	72	235	1050				
N	lorth-East	120	424	125	150	616	157	150		158	181	707	186	601	2391	626	3618		
N	lorth-West	98	301	108	164	458	182		642	215	156	637	173	593	2038	678	3309		
0)uter	105	396	108	170		183	253			173	735	184	701	2374	738	3813		
R	AILWAY	0	4	_		27	4	4	26	4	2	32	3	10	89	11	110		
S	outh	70		76		385	144		475	110	117	429	124	423	1556	454			
S	outh-East	131			124	459	130			159	123	551	132	528	1816				
S	outh-West	76	230	76	110	340	119	112	373	115	123	193	128	421	1136	438	1995		
S	pl Cell	0	_	_	_	0	0	_	_		0	0	0	0	_	_	0		
S	PUWAC	0									0	0	0	0	_		0		
V	igilance	0	_	_	_	_	0	_		_	0	0		_	0	0	0		
V	Vest	88			132			121	405	141	110	365	128	451	1395	505	2351		
R	ohini	86		86						183	177	675	186						
S	hahdara	69			79	379	104			105	74	294	90	322	1203				
D	warka	91	379	92	124	504	126	189	500	194	117	485	120	521	1868	532	2921		

This Word Cloud depicts that our National Capital of India is the National Crime Capital as well



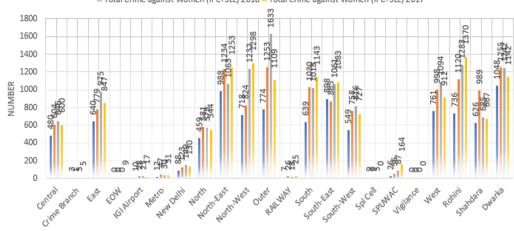
1. Crimes Against Women

Analyzing all the crimes against women occurring in Delhi, this donut chart shows that North-West district is in lead where the rate is the highest.

TOTAL CRIME AGAINST WOMEN (IPC+SLL)

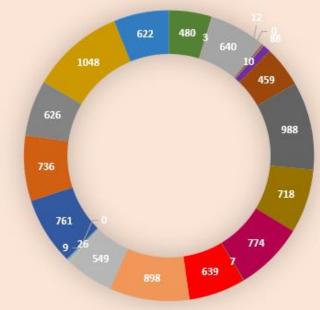
■ Total Crime against Women (IPC+SLL) 2020 ■ Total Crime against Women (IPC+SLL) 2019



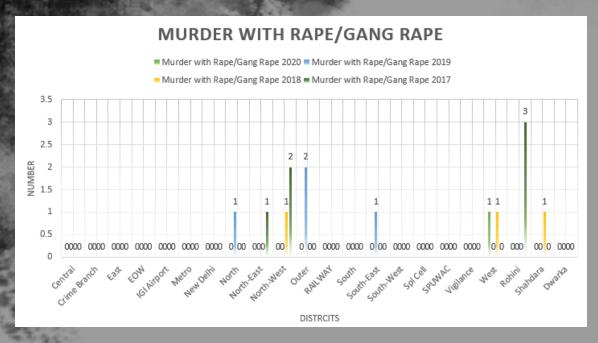


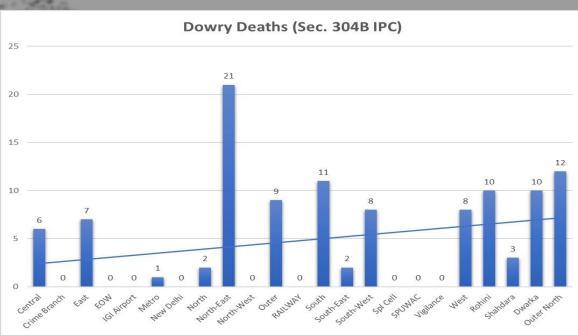
Total Crime against Women in Delhi (IPC+SLL)





This multiple bar graph shows that in last 4 years, the number of crimes against women has decreased, but the outer, North-west, and Rohini districts still needs to improve a lot.





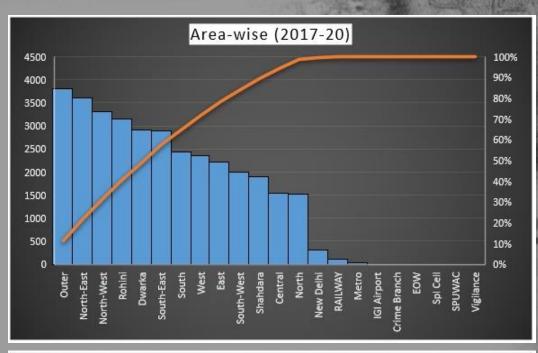
Sub-category- Rape is more frequently seen in the areas of Dwarka, North-east, south-east, central, west and so on with the help of this bar and line graph.

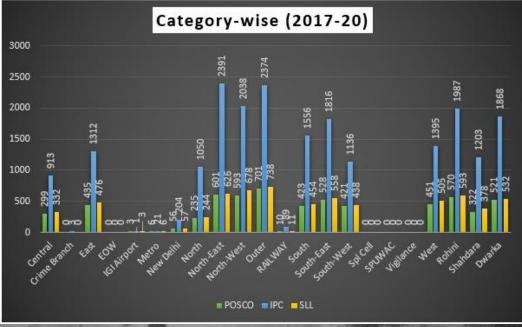
This bar and line graph shows that North-East Delhi play a key role in dowry deaths, and central, east and west districts are not far behind.

2. Crimes Against Children:

This Bar and line graph depicts the total number of crimes against children happening around the districts of Delhi.

This triple bar graph clearly depicts that the crimes of IPC category is higher all over Delhi. Also, North-East and outer areas are worst places in terms of children's safety.

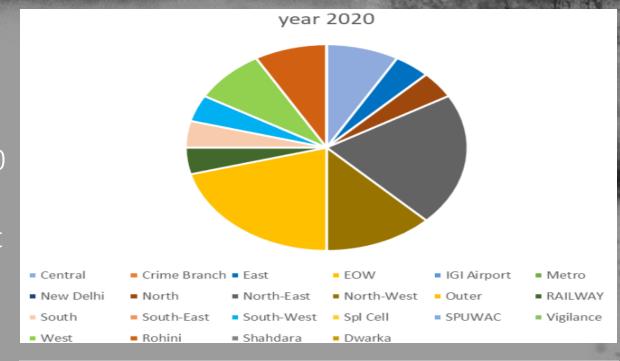


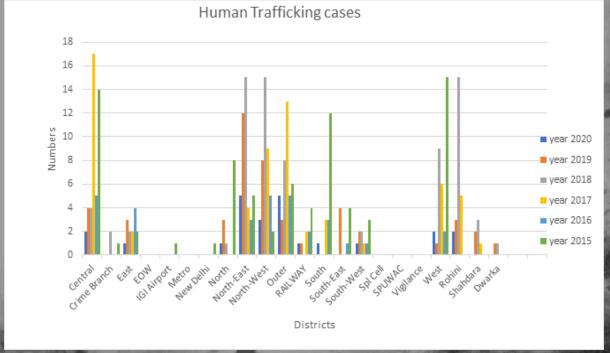


3. Human Trafficking

This Pie Chart is showing
Human Trafficking cases in 2020
in different districts of Delhi.
Where, North-East, North-West
and areas of West play the
major role, while Rohini, New
Delhi and Central Delhi follows
behind.

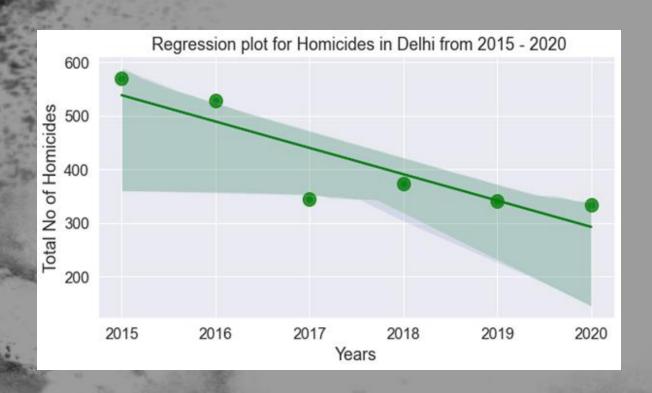
Below it, The grouped bar graph shows the human trafficking cases from 2015-2020 occurred in different districts of Delhi. Which clearly shows that in the past six years Delhi has reduced trafficking humans.

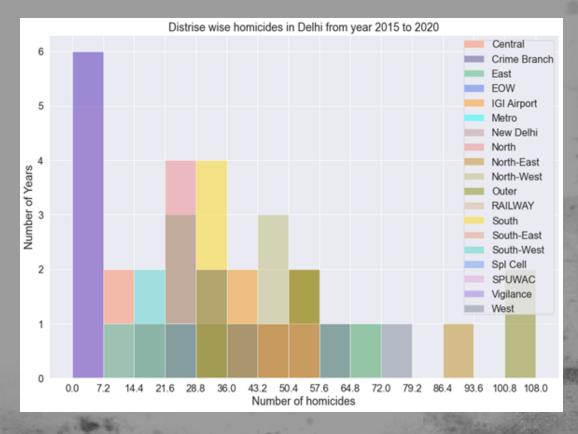




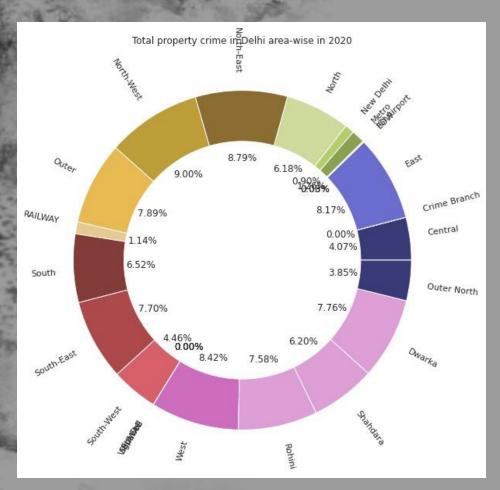
4. Homicides

- The Stacked Bar graph in the right shows how different districts of Delhi lying under the cloud of homicides happening round the clock.
- While the regression plot in the left shows how in 2020 we have seen a sharp decline of homicides from 2015, yet we have a lot to achieve.

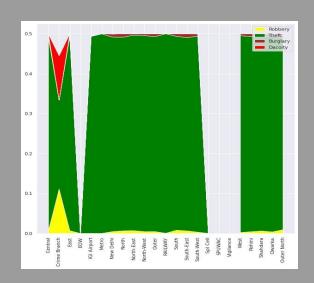




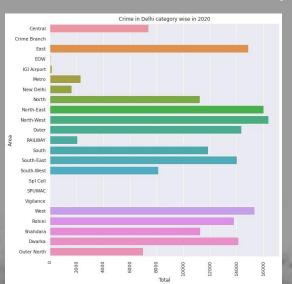
5. Robbery, Theft, Dacoity, Burglary

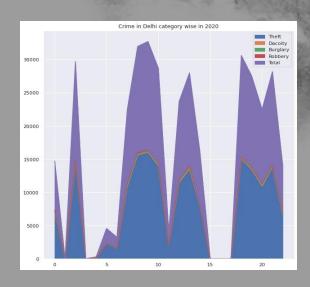


This donut chart is showing the total property crimes (Robbery, Theft, Dacoity, Burglary) in 2020 in different areas in Delhi.



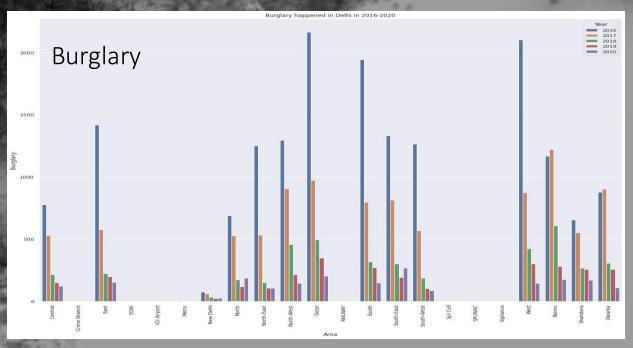
This is the area plot of the crime in Delhi district-wise in 2020.

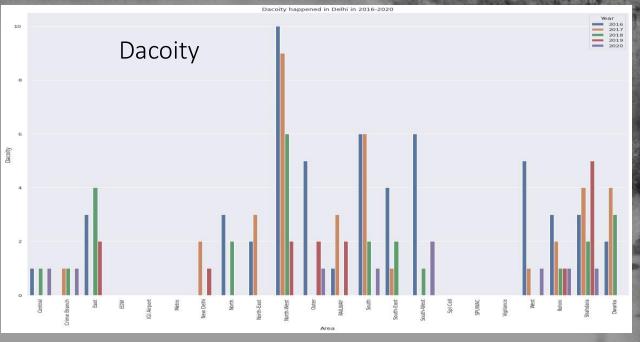




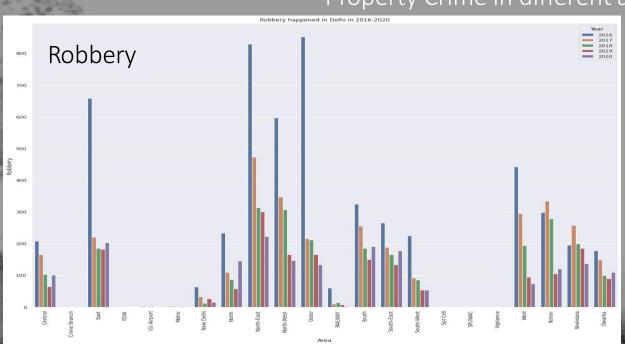
This is the area plot of the property crimes in Delhi category-wise in 2020.

This is the bar plot of the total property crimes in 2020 in Delhi.





Property Crime in different areas in Delhi from 2016-2020





Conclusion:

- 1. Analysis for women category suggests us to have more women personnel in our police services and there should me more patrolling vans in the areas like Dwarka, East, and West districts. Also, we should have more CCTV surveillance in the areas where population is sparsely located.
- Analysis of crimes against children suggests us that outer, north-east, north-west, Rohini, Dwarka
 are our Areas of Concerned and they need special attention to make these abodes safer for our
 future.
- 3. When it comes to trafficking in humans, Delhi allows us to be hopeful as we have seen a decline in the cases in last six years, still we need to have an attentive eye on Central, North-East, North-west areas.
- 4. Further analysis of homicides in Delhi city compels us to take all the districts evenly under the umbrella as the district wise analysis shows very slight differences in the cases whether the location is sparsely populated or congested. Overall number of homicides in last 6 years is 2491 which is scary.
- 5. In the last category we Analyzed that in the areas which are heavily populated thefts are more prevalent while which are sparsely populated, robbery, burglary and dacoity are more prevalent.

 All we can suggest with this is "Take Care of Your Wallet".



Thank You