

EXCEL PROJECT

Crash Data Control



❖ Data table:

200901BS70002											
A	B	C	D	E	F	G	H	I	J		
Accident_Index	Accident Da	Month	Year	Day_of_Wee	Junction_Control	Junction_Detail	Accident_Severi	Latitude	Light_Conditions	Local_A	
200901BS70001	01-01-2021	Jan	2021	Thursday	Give way or uncontrolled	T or staggered junction	Serious	51.512273	Daylight	Kensing	
200901BS70002	05-01-2021	Jan	2021	Monday	Give way or uncontrolled	Crossroads	Serious	51.514399	Daylight	Kensing	
200901BS70003	04-01-2021	Jan	2021	Sunday	Give way or uncontrolled	T or staggered junction	Slight	51.486668	Daylight	Kensing	
200901BS70004	05-01-2021	Jan	2021	Monday	Auto traffic signal	T or staggered junction	Serious	51.507804	Daylight	Kensing	
200901BS70005	06-01-2021	Jan	2021	Tuesday	Auto traffic signal	Crossroads	Serious	51.482076	Darkness - lights lit	Kensing	
200901BS70006	01-01-2021	Jan	2021	Thursday	Give way or uncontrolled	T or staggered junction	Slight	51.493415	Daylight	Kensing	
200901BS70007	08-01-2021	Jan	2021	Thursday	Give way or uncontrolled	T or staggered junction	Serious	51.480177	Daylight	Kensing	
200901BS70008	02-01-2021	Jan	2021	Friday	Auto traffic signal	Crossroads	Slight	51.491957	Daylight	Kensing	
200901BS70009	07-01-2021	Jan	2021	Wednesday	Give way or uncontrolled	T or staggered junction	Slight	51.49646	Daylight	Kensing	
200901BS70010	10-01-2021	Jan	2021	Saturday	Auto traffic signal	Crossroads	Slight	51.48115	Daylight	Kensing	
200901BS70011	07-01-2021	Jan	2021	Wednesday	Auto traffic signal	Crossroads	Slight	51.482076	Darkness - lights lit	Kensing	
200901BS70012	16-01-2021	Jan	2021	Friday	Auto traffic signal	Crossroads	Slight	51.494995	Darkness - lights lit	Kensing	
200901BS70015	12-01-2021	Jan	2021	Monday	Data missing or out of range	Not at junction or within 20 metres	Slight	51.498778	Daylight	Kensing	
200901BS70016	09-01-2021	Jan	2021	Friday	Give way or uncontrolled	T or staggered junction	Slight	51.506187	Daylight	Kensing	
200901BS70017	17-01-2021	Jan	2021	Saturday	Give way or uncontrolled	T or staggered junction	Slight	51.493077	Daylight	Kensing	
200901BS70019	25-01-2021	Jan	2021	Sunday	Auto traffic signal	Crossroads	Serious	51.482076	Darkness - lights lit	Kensing	
200901BS70020	26-01-2021	Jan	2021	Monday	Give way or uncontrolled	Crossroads	Slight	51.488673	Darkness - lights lit	Kensing	
200901BS70021	26-01-2021	Jan	2021	Monday	Data missing or out of range	Not at junction or within 20 metres	Slight	51.482363	Darkness - lights lit	Kensing	
200901BS70023	19-01-2021	Jan	2021	Monday	Give way or uncontrolled	T or staggered junction	Slight	51.49391	Daylight	Kensing	
200901BS70024	27-01-2021	Jan	2021	Tuesday	Data missing or out of range	Not at junction or within 20 metres	Slight	51.509296	Darkness - lights lit	Kensing	
200901BS70025	21-01-2021	Jan	2021	Wednesday	Give way or uncontrolled	T or staggered junction	Slight	51.50228	Darkness - lights lit	Kensing	
200901BS70026	22-01-2021	Jan	2021	Thursday	Give way or uncontrolled	T or staggered junction	Slight	51.507588	Darkness - lights lit	Kensing	
200901BS70027	31-01-2021	Jan	2021	Saturday	Auto traffic signal	Crossroads	Serious	51.488585	Daylight	Kensing	
200901BS70028	03-02-2021	Feb	2021	Tuesday	Give way or uncontrolled	T or staggered junction	Slight	51.528344	Daylight	Kensing	
200901BS70030	31-01-2021	Jan	2021	Saturday	Give way or uncontrolled	T or staggered junction	Slight	51.499201	Darkness - lights lit	Kensing	
200901BS70031	31-01-2021	Jan	2021	Saturday	Give way or uncontrolled	T or staggered junction	Serious	51.517081	Daylight	Kensing	
200901BS70032	29-01-2021	Jan	2021	Thursday	Auto traffic signal	Crossroads	Slight	51.48944	Daylight	Kensing	
200901BS70033	31-01-2021	Jan	2021	Saturday	Give way or uncontrolled	Crossroads	Slight	51.494521	Daylight	Kensing	
200901BS70035	29-01-2021	Jan	2021	Thursday	Auto traffic signal	Crossroads	Slight	51.508624	Daylight	Kensing	
200901BS70036	31-01-2021	Jan	2021	Saturday	Auto traffic signal	Crossroads	Slight	51.491173	Darkness - lights lit	Kensing	
200901BS70037	28-01-2021	Jan	2021	Wednesday	Give way or uncontrolled	T or staggered junction	Slight	51.495478	Daylight	Kensing	
200901BS70039	27-01-2021	Jan	2021	Tuesday	Auto traffic signal	Crossroads	Serious	51.495658	Daylight	Kensing	
200901BS70040	31-01-2021	Jan	2021	Saturday	Give way or uncontrolled	T or staggered junction	Slight	51.499727	Davlight	Kensing	

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Data

KPI

Monthly trend

Road type

Tree map

Donut charts

Data analysis sheet

Dashboard

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❖ Data Analysis using pivot tables

Sum of Number_of_Casualties
417883

Row Labels	Sum of Number_of_Casualties
Fatal	7135
Serious	59312
Slight	351436
Grand Total	417883

Row Labels	Sum of Number_of_Casualties
Agricultural vehicle	1032
Cars	333485
Bus	12798
Van	33472
Bike	33672
Other	3424
Grand Total	417883

Row Labels	Sum of Number_of_Casualties
(blank)	1.9k
Slip road	4.7k
One way street	7.4k
Roundabout	26.8k
Dual carriageway	67.4k
Single carriageway	309.7k
Grand Total	417883

Year	2021	
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Row Labels	Sum of Number_of_Casualties
Jan	18173
Feb	14648
Mar	17815
Apr	17335
May	18852
Jun	18728
Jul	19682
Aug	18797
Sep	18456
Oct	20109
Nov	20975
Dec	18576
Grand Total	222146

Row Labels	Sum of Number_of_Casualties
Dry	279445
(blank)	396
Wet	115261
Snow/ice	22781
Grand Total	417883

Year	2022	
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Row Labels	Sum of Number_of_Casualties
Jan	13163
Feb	14804
Mar	16575
Apr	15767
May	16775
Jun	17230
Jul	17201
Aug	16796
Sep	17500
Oct	18287
Nov	18439
Dec	13200
Grand Total	195737

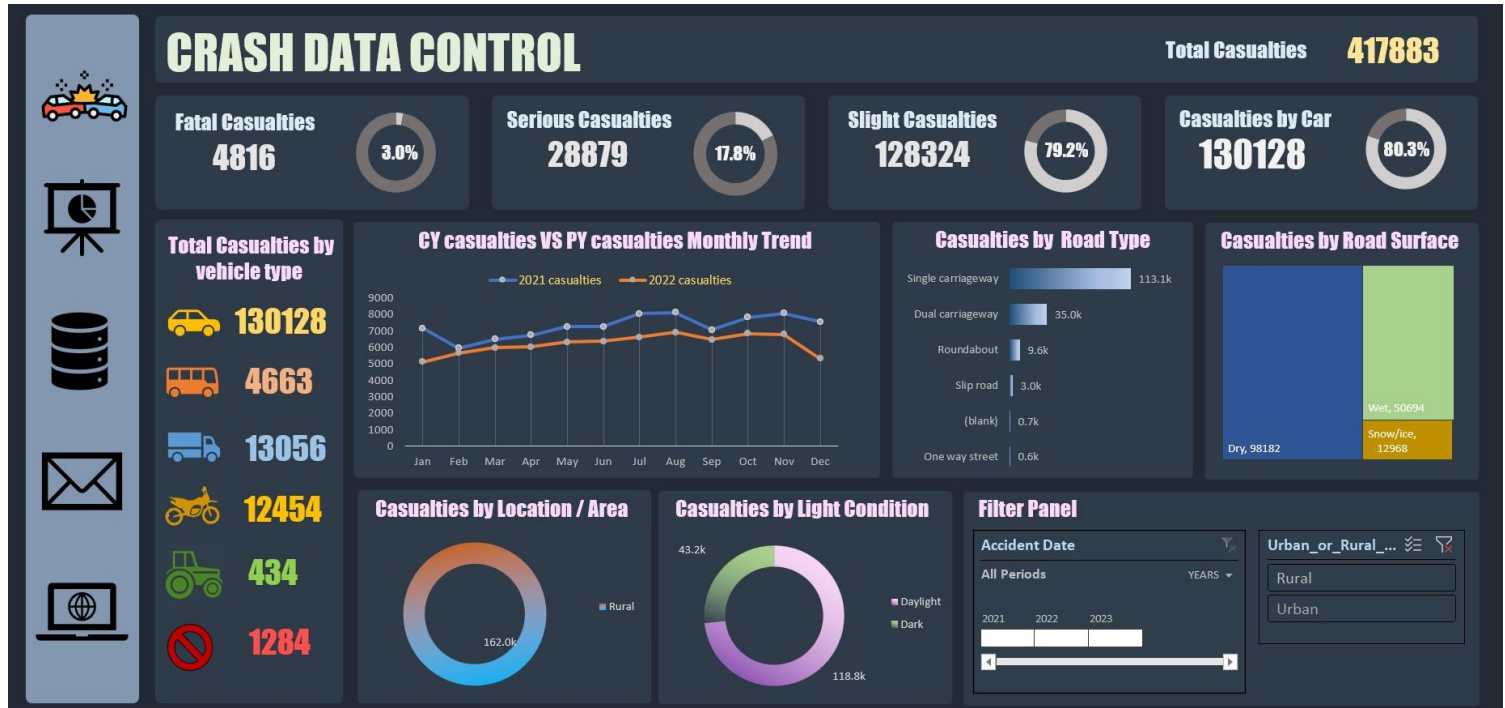
Row Labels	Sum of Number_of_Casualties
Rural	162.0k
Urban	255.9k
Grand Total	417883

Row Labels	Sum of Number_of_Casualties
Daylight	305.0k
Dark	112.9k
Grand Total	417883

❖ Dynamic Dashboard



❖ Dashboard according to rural areas



❖ Dashboard according to urban areas

