SweetVIZ

2.3.1

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DataFrame   NO COMPARISON TARGET

8809915	ROWS
0	DUPLICATES
6.0 GB	RAM
36	FEATURES
16	CATEGORICAL
13	NUMERICAL
7	TEXT

ASSOCIATIONS

DataFrame ▬▬

did_poli

MISSING

1 📄 accident_index

VALUES:	8,809,915 (100%)	
MISSING:	---	
DISTINCT:	8,809,915 (100%)	

1	<1%	197901A11AD14
1	<1%	2003130322303
1	<1%	2003130324503
1	<1%	2003130324203
1	<1%	2003130323803
1	<1%	2003130323603
1	<1%	2003130323503
8.8M	>99%	(Other)

2 📈 accident_year

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	44 (<1%)
ZEROES:	---

MAX	2,022.0	RANGE	43.0
95%	2,018.0	IQR	19.0
Q3	2,006.0	STD	11.9
AVG	1,997.4	VAR	141
MEDIAN	1,997.0		
Q1	1,987.0	KURT.	-0.974
5%	1,980.0	SKEW	0.276
MIN	1,979.0	SUM	17.6B
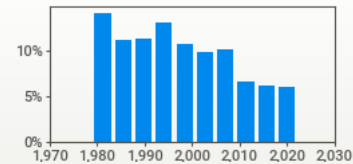
3 📄 accident_reference

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	5,859,634 (67%)

27	<1%	01TD00028
27	<1%	01CP00065
27	<1%	01CP00048
27	<1%	01CP00112
27	<1%	01CP00054
27	<1%	01CP00204
27	<1%	01CP00057
8.8M	>99%	(Other)

4 📈 location_easting_osgr

VALUES:	8,798,253 (>99%)
MISSING:	11,662 (<1%)
DISTINCT:	367,546 (4%)
ZEROES:	---

MAX	1000k	RANGE	1000k
95%	577k	IQR	152k
Q3	522k	STD	106k
MEDIAN	438k	VAR	11.2B
AVG	434k		
Q1	371k	KURT.	1.61
5%	256k	SKEW	-0.753
MIN	0k	SUM	3.8T
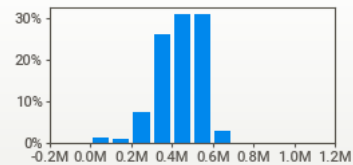
5 📈 location_northing_osgr

VALUES:	8,798,253 (>99%)
MISSING:	11,662 (<1%)
DISTINCT:	447,949 (5%)
ZEROES:	---

MAX	1.2M	RANGE	1.2M
95%	0.7M	IQR	220k
Q3	0.4M	STD	168k
AVG	0.3M	VAR	28.2B
MEDIAN	0.3M		
Q1	0.2M	KURT.	1.16
5%	0.1M	SKEW	1.11
MIN	0.0M	SUM	2.6T
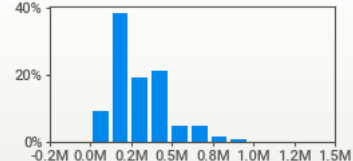
6 📈 longitude

VALUES:	3,922,484 (45%)
MISSING:	4,887,431 (55%)
DISTINCT:	2,226,738 (25%)
ZEROES:	---

MAX	1.76	RANGE	9.30
95%	0.56	IQR	2.11
Q3	-0.20	STD	1.40
MEDIAN	-1.35	VAR	1.95
AVG	-1.40		
Q1	-2.31	KURT.	-0.341
5%	-4.04	SKEW	-0.400
MIN	-7.54	SUM	-5.5M
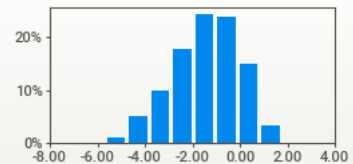
7 📈 latitude

VALUES:	3,922,484 (45%)
MISSING:	4,887,431 (55%)
DISTINCT:	2,010,761 (23%)
ZEROES:	---

MAX	60.8	RANGE	10.9
95%	55.8	IQR	1.96
Q3	53.4	STD	1.43
AVG	52.5	VAR	2.04
MEDIAN	52.2		
Q1	51.5	KURT.	0.856
5%	50.8	SKEW	1.03
MIN	49.9	SUM	206.1M
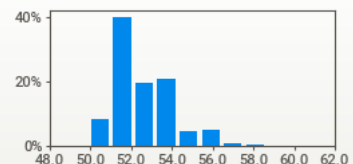
8 📈 police_force

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	52 (<1%)
ZEROES:	---

MAX	99.0	RANGE	98.0
95%	95.0	IQR	39.0
Q3	45.0	STD	26.2
AVG	30.0	VAR	688
MEDIAN	23.0		
Q1	6.0	KURT.	0.293
5%	1.0	SKEW	0.890
MIN	1.0	SUM	263.9M

TOP CATEGO

-1	5,
1	3,
2	828,
3	54,
ALL	8.

9 ⊞ accident_severity

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	3 (<1%)

10 ⌁ number_of_vehicles

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	59 (<1%)
ZEROES:	---

MAX	192	RANGE	191
95%	3	IQR	1.00
Q3	2	STD	0.727
MEDIAN	2	VAR	0.528
AVG	2		
Q1	1	KURT.	683
5%	1	SKEW	5.36
MIN	1	SUM	15.7M

11 ⌁ number_of_casualties

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	73 (<1%)
ZEROES:	---

MAX	93.0	RANGE	92.0
95%	3.0	IQR	0.00
Q3	1.0	STD	0.819
AVG	1.3	VAR	0.670
MEDIAN	1.0		
Q1	1.0	KURT.	341
5%	1.0	SKEW	8.55
MIN	1.0	SUM	11.7M

12 ▤ date

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	16,072 (<1%)

1,655	<1%	21/12/1979
1,291	<1%	03/07/1992
1,281	<1%	25/11/1983
1,261	<1%	08/11/1985
1,254	<1%	25/04/1997
1,248	<1%	12/12/1986
1,202	<1%	20/10/1989
8.8M	>99%	(Other)

13 ⊞ day_of_week

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	7 (<1%)

14 ▤ time

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	1,441 (<1%)

90,425	1%	17:00
86,428	<1%	17:30
86,344	<1%	16:00
82,878	<1%	16:30
80,203	<1%	15:30
76,974	<1%	18:00
70,100	<1%	15:00
8.2M	93%	(Other)

15 ⌁ local_authority_district

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	532 (<1%)
ZEROES:	---

MAX	941	RANGE	942
95%	836	IQR	415
Q3	515	STD	259
AVG	334	VAR	67,015
MEDIAN	305		
Q1	100	KURT.	-0.709
5%	4	SKEW	0.466
MIN	-1	SUM	2.9B

16 ▤ local_authority_ons_district

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	406 (<1%)

3.8M	43%	-1
96,772	1%	E08000025
69,277	<1%	E08000035
52,276	<1%	E09000033
50,613	<1%	E08000003
50,034	<1%	E08000012
47,360	<1%	E08000032
4.7M	53%	(Other)

17 ▤ local_authority_highway

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	215 (<1%)

3.8M	43%	-1
132,482	2%	E10000016
123,303	1%	E10000030
114,313	1%	E10000012
106,891	1%	E10000017
106,252	1%	E10000014
96,772	1%	E08000025
4.4M	50%	(Other)

18 first_road_class

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	7 (<1%)
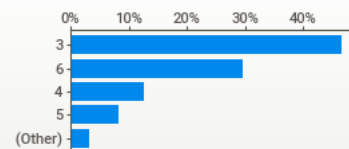
19 first_road_number

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	5,153 (<1%)
ZEROES:	3,336,330 (38%)

MAX	9,999	RANGE	10,000
95%	5,117	IQR	585
Q3	585	STD	1,636
AVG	821	VAR	2.7M
MEDIAN	41		
Q1	0	KURT.	4.21
5%	0	SKEW	2.29
MIN	-1	SUM	7.2B
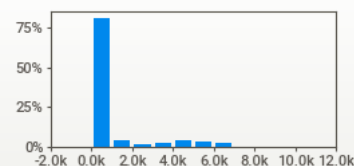
20 road_type

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	8 (<1%)
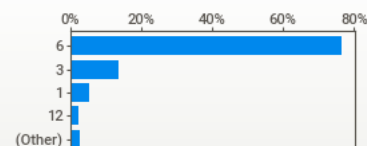
21 speed_limit

VALUES:	8,809,878 (>99%)
MISSING:	37 (<1%)
DISTINCT:	67 (<1%)
ZEROES:	554 (<1%)

MAX	660	RANGE	661
95%	70	IQR	20.0
Q3	50	STD	14.0
AVG	39	VAR	197
MEDIAN	30		
Q1	30	KURT.	1.30
5%	30	SKEW	1.16
MIN	-1	SUM	341.1M
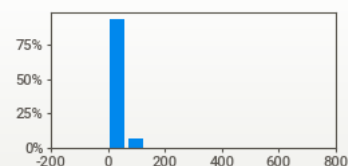
22 junction_detail

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	11 (<1%)
ZEROES:	3,516,245 (40%)

MAX	99	RANGE	100
95%	8	IQR	3.00
Q3	3	STD	3.93
MEDIAN	3	VAR	15.4
AVG	3		
Q1	0	KURT.	340
5%	0	SKEW	14.1
MIN	-1	SUM	22.1M
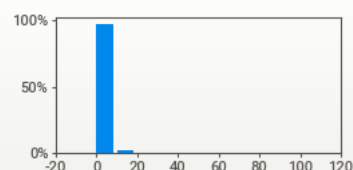
23 junction_control

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	7 (<1%)
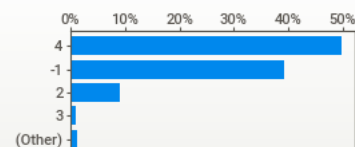
24 second_road_class

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	9 (<1%)
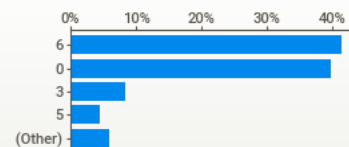
25 second_road_number

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	4,429 (<1%)
ZEROES:	4,032,276 (46%)

MAX	9,999	RANGE	10,000
95%	827	IQR	1.00
Q3	0	STD	925
AVG	209	VAR	855k
MEDIAN	0		
Q1	-1	KURT.	27.4
5%	-1	SKEW	5.19
MIN	-1	SUM	1.8B
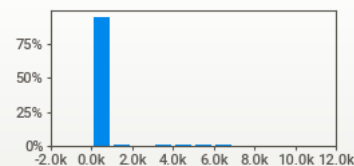
26 pedestrian_crossing_human_control

VALUES:	8,809,915 (100%)
MISSING:	---
DISTINCT:	5 (<1%)
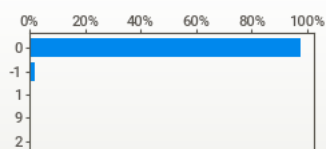
pedestrian_crossing_physical_facilities

27

VALUES: 8,809,915 (100%)
MISSING: ---
DISTINCT: 8 (<1%)
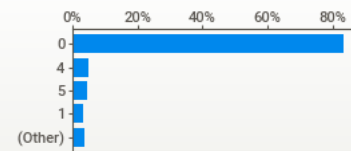
light_conditions

VALUES: 8,809,915 (100%)
MISSING: ---
DISTINCT: 6 (<1%)
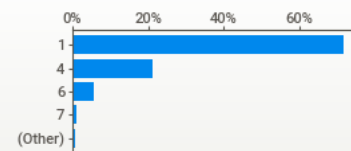
weather_conditions

VALUES: 8,809,915 (100%)
MISSING: ---
DISTINCT: 10 (<1%)
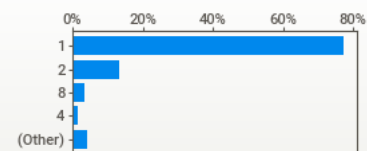
road_surface_conditions
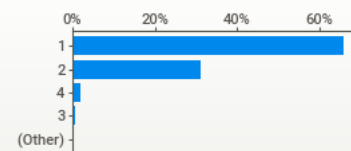
VALUES: 8,809,915 (100%)
MISSING: ---
DISTINCT: 9 (<1%)

special_conditions_at_site

VALUES: 8,809,915 (100%)
MISSING: ---
DISTINCT: 10 (<1%)
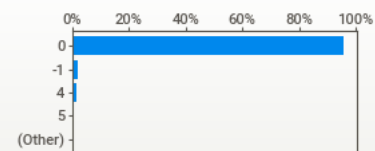
carriageway_hazards

VALUES: 8,809,915 (100%)
MISSING: ---
DISTINCT: 10 (<1%)
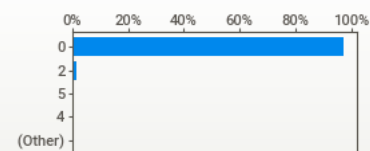
urban_or_rural_area

VALUES: 8,809,915 (100%)
MISSING: ---
DISTINCT: 4 (<1%)
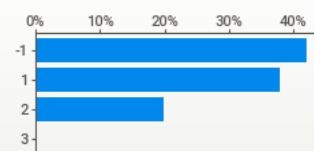
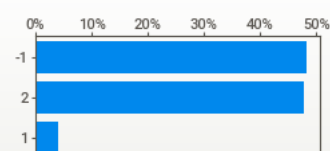## did_police_officer_attend_scene_of_accident

VALUES: 8,809,915 (100%)
MISSING: ---
DISTINCT: 4 (<1%)
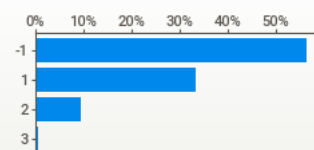
trunk_road_flag

VALUES: 8,809,915 (100%)
MISSING: ---
DISTINCT: 3 (<1%)

36 lsoa_of_accident_location

VALUES:	8,809,915 (100%)		5.2M	59%	-1
MISSING:	---		4,254	<1%	E01000004
			3,608	<1%	E01004736
DISTINCT:	35,604 (<1%)		2,978	<1%	E01011365
			2,204	<1%	E01002444
			2,176	<1%	E01004764
			2,160	<1%	E01023722
			3.6M	41%	(Other)