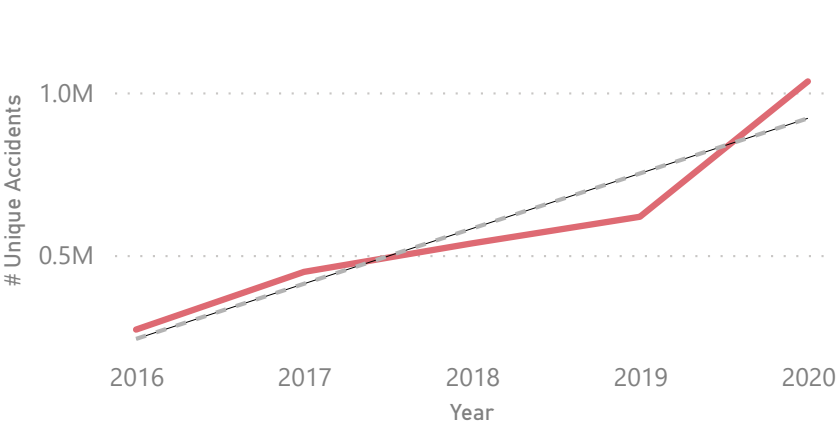
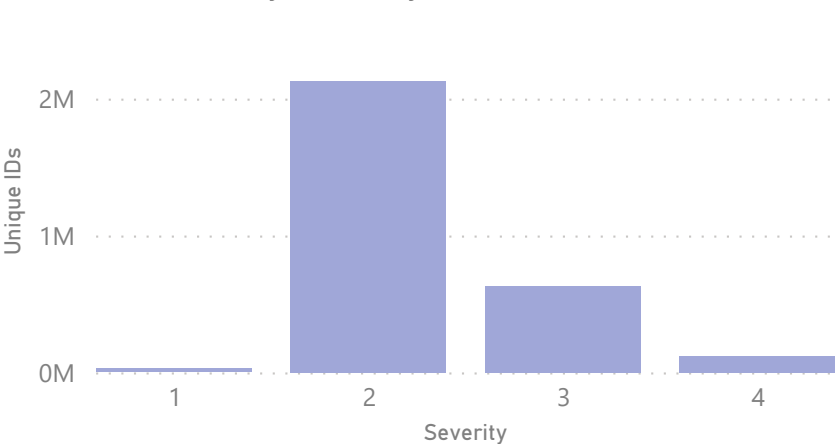


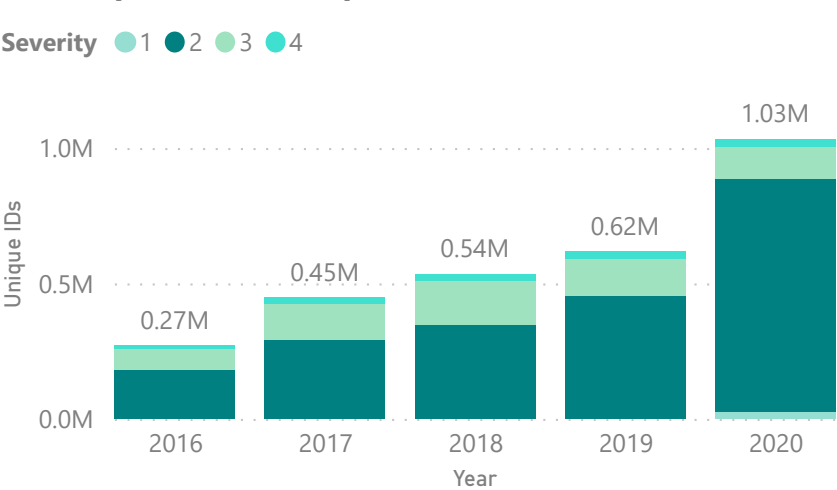
Total Traffic Accidents by Year



Total Accidents by Severity

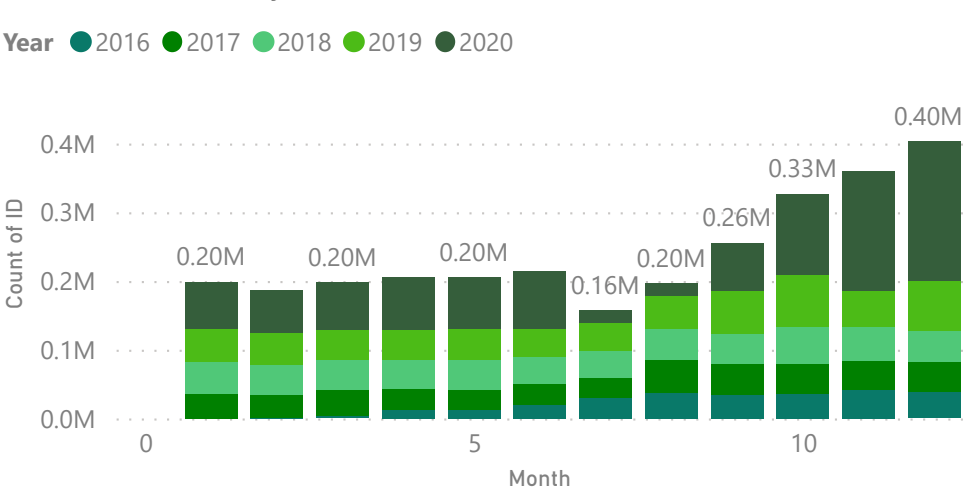


Severity of Accident by Year

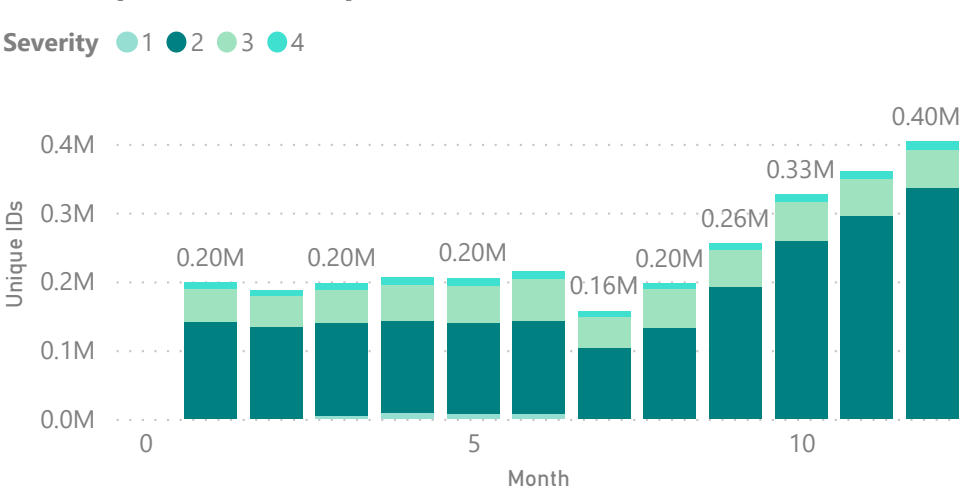


Andrea Fox
DSC680 - T301 Applied Data Science
Project 1 - Predicting State with
Highest Traffic Accident Rate

Total Accidents by Month and Year



Severity of Accident by Month



Total of Accidents by Year for Each State

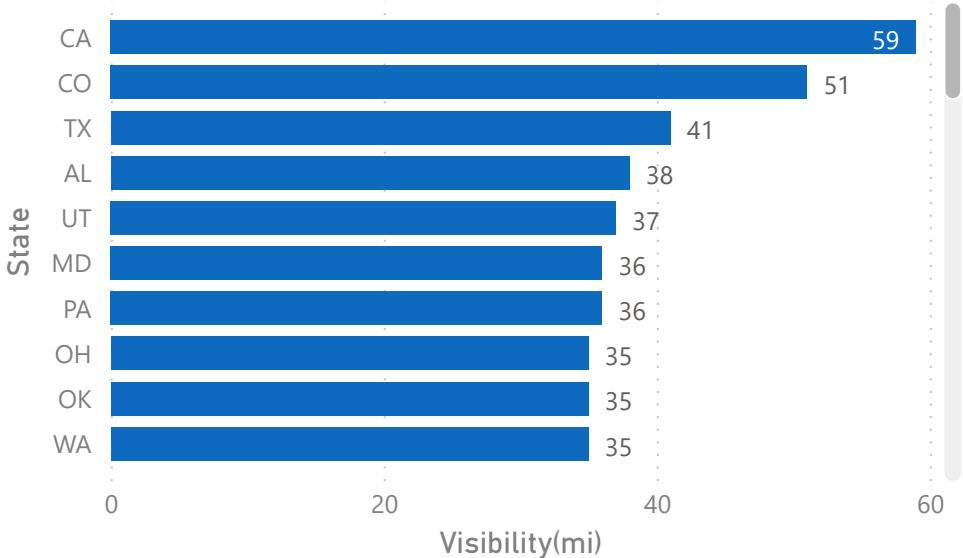
State	2016	2017	2018	2019	2020	Total
AL	135	1813	7544	10148	13650	33290
AR	26	95	491	925	3189	4720
AZ	2770	7976	13138	13633	24190	61707
CA	87207	95651	98862	168526	280498	730744
CO	1324	4702	8981	11920	10353	37280
CT	3120	4579	4278	3588	8489	24054
DC	306	536	736	940	2683	5201
DE	246	640	1024	908	1807	4625
FL	23945	38775	40019	35407	125154	263300
GA	8277	13635	15624	14559	17441	69536
IA	1386	1961	1353	1717	3075	9492
ID	419	346	389	540	2471	4165
IL	12455	18238	15988	13298	17647	77626
IN	1610	4483	7784	4822	6294	24993
KS	762	1453	1718	1232	2279	7444
KY	1067	2098	4571	3737	3823	15296
LA	849	6500	10891	9892	21971	50103
MA	3006	5005	5192	4988	6930	25121
MD	4857	8469	7415	8051	23963	52755
ME	135	585	687	622	237	2267
Total	270881	448268	535921	617712	1033828	2906611

Severity Levels by Traffic Obstacle

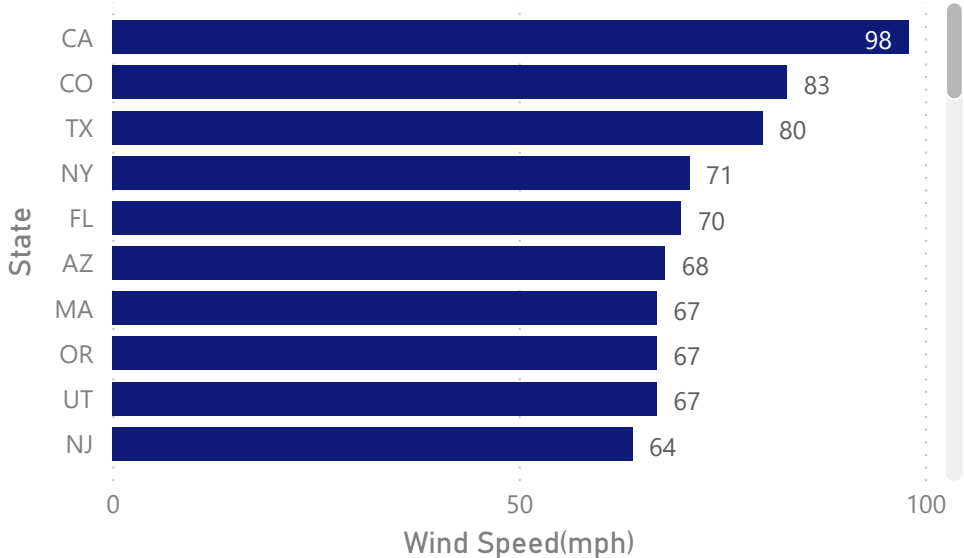
Severity	Stop	Traffic_Signal	Bump	Crossing	Give_Way	Junc
1	500	12550	10	9078	93	2
2	40460	387054	469	189236	6330	186
3	2691	42111	88	14630	1366	73
4	1803	11950	12	5985	431	13
Total	45454	453665	579	218929	8220	276

Accident data by weather

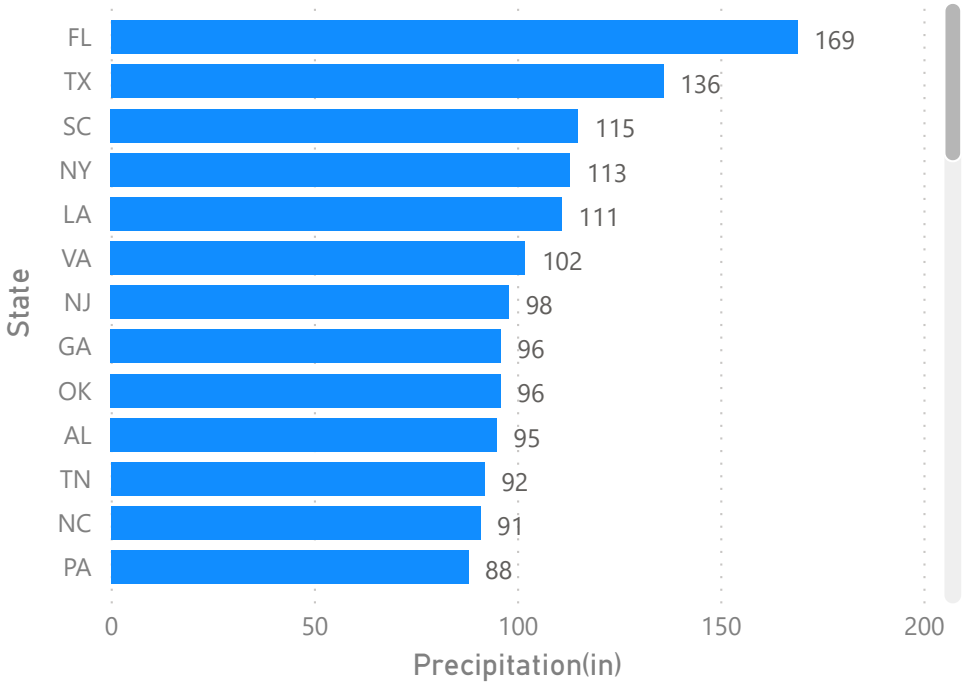
Total # Accidents by Visibility and State



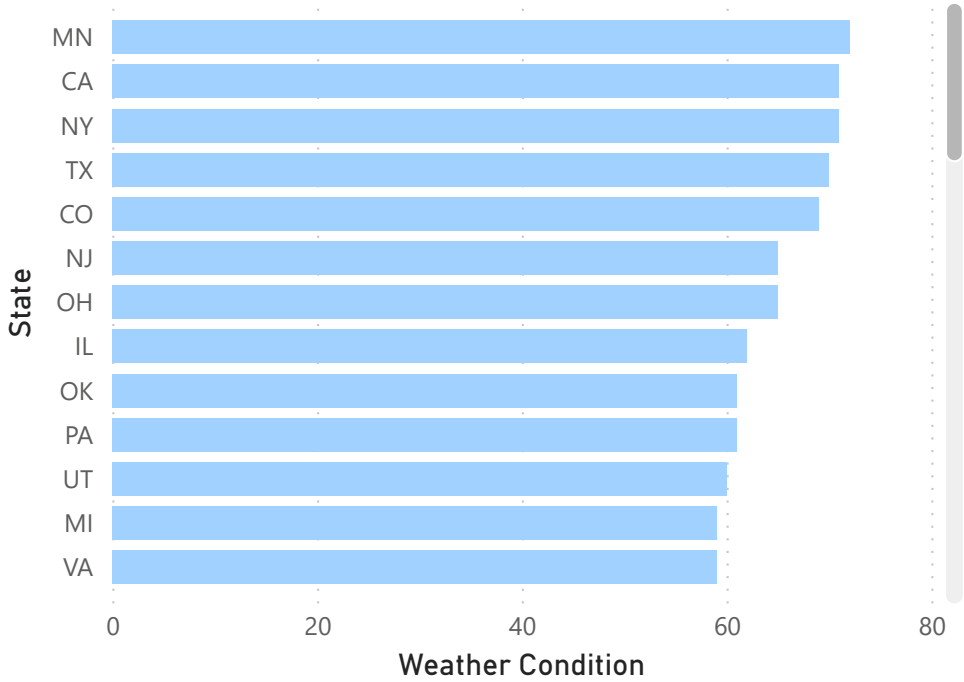
Accidents by Wind Speed and State



Total # Accidents by Precipitation and State



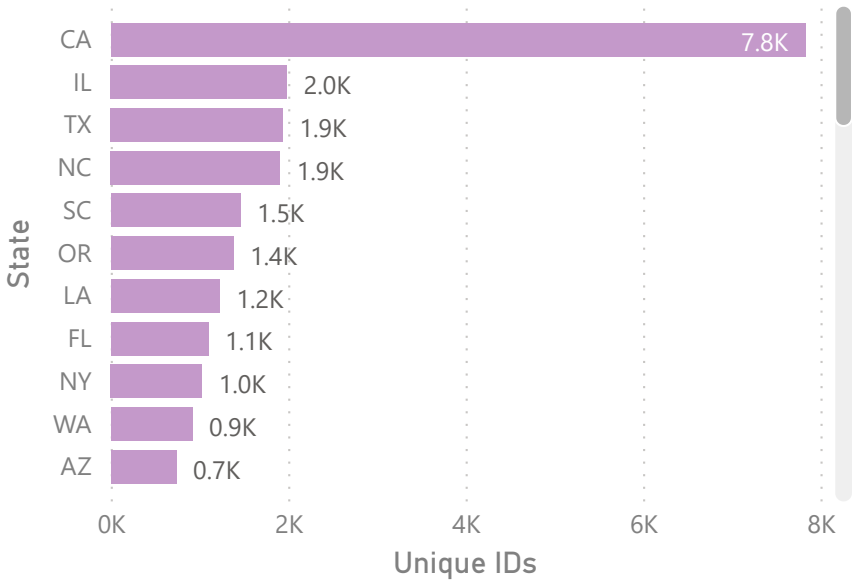
Accidents by State and Weather Condition



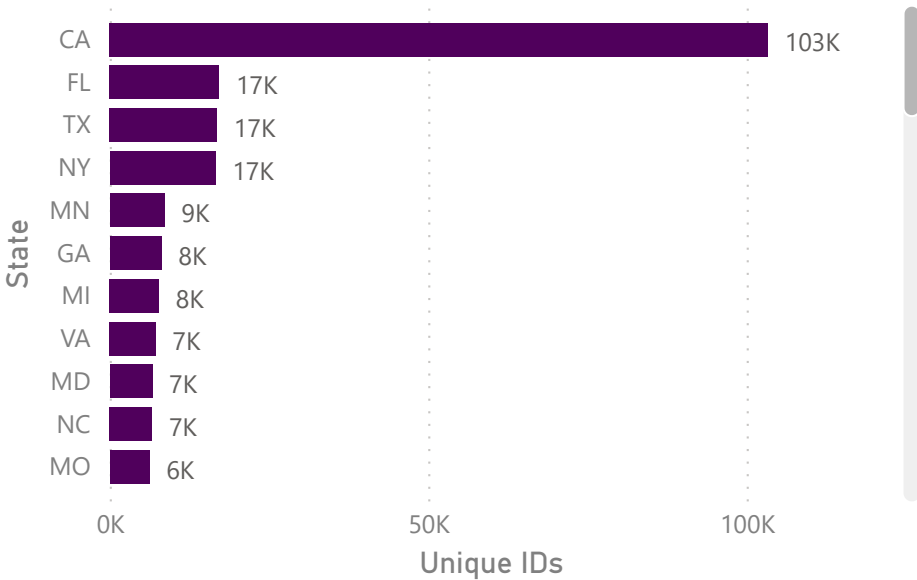
State	Precipitation(in)	Visibility(mi)	Wind Speed(mph)
AL	95	38	
AR	41	22	
AZ	47	32	
CA	74	59	
CO	37	51	
CT	57	24	
DC	27	23	
DE	33	20	
FL	169	32	
GA	96	31	
IA	49	22	
ID	19	20	
IL	87	30	
IN	56	28	
KS	50	21	
KY	65	21	
LA	111	25	
MA	58	23	
MD	72	36	
ME	35	22	
MI	79	27	
MN	69	24	
MO	82	22	
MS	70	26	
MT	13	20	
NC	91	26	
ND	4	12	
NE	52	27	
NH	43	33	
NJ	98	29	
NM	18	20	
NV	21	21	
NY	113	29	
Total	242	81	1.7

Accident data by road obstacles

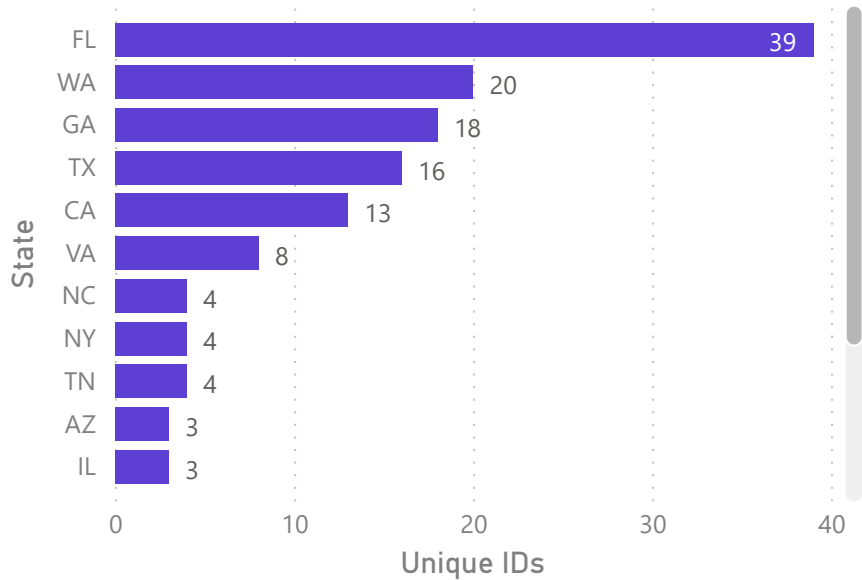
Total Accidents near Railroad by State



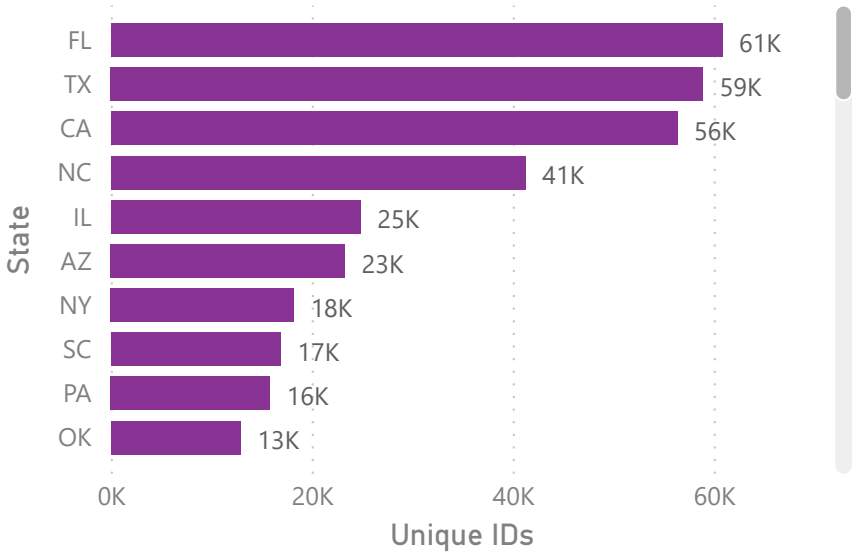
Total Accidents by State and Junction



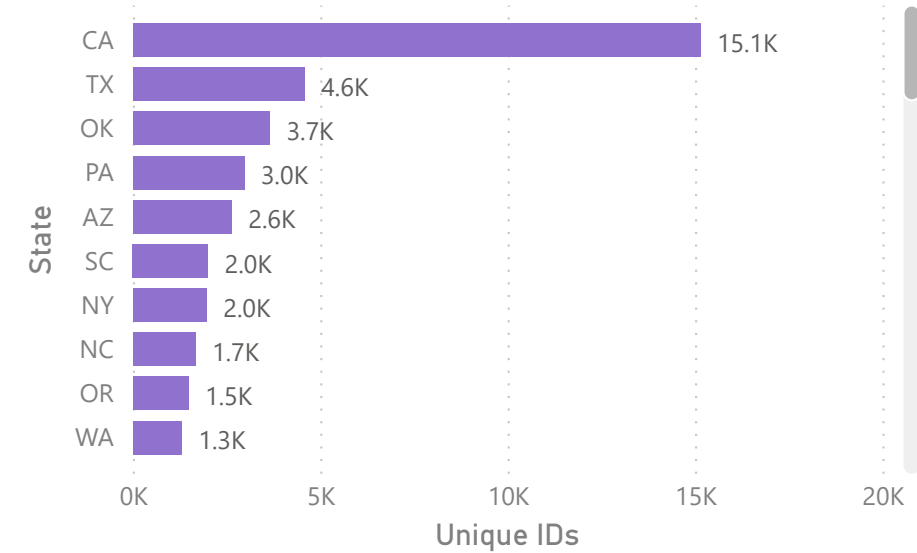
Total Accidents by State and Roundabouts



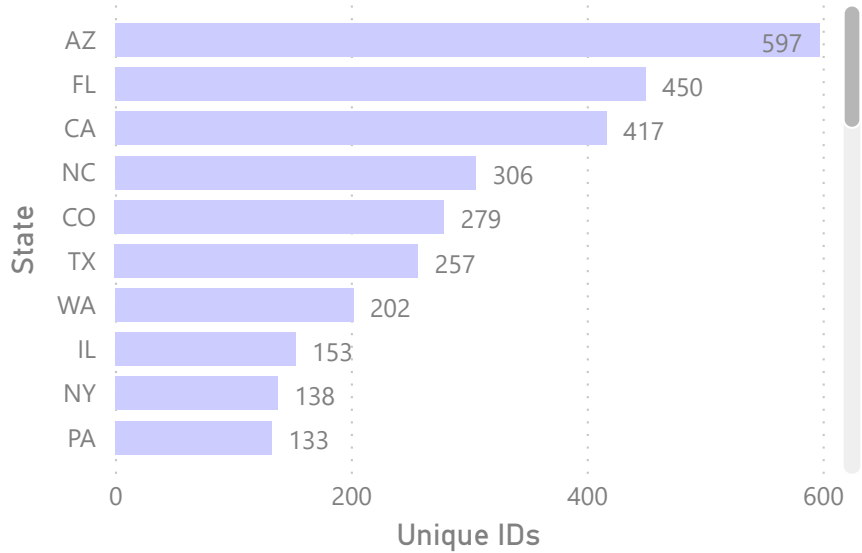
Total Accidents by Traffic Signal and State



Total Accidents by State and Stop Signs

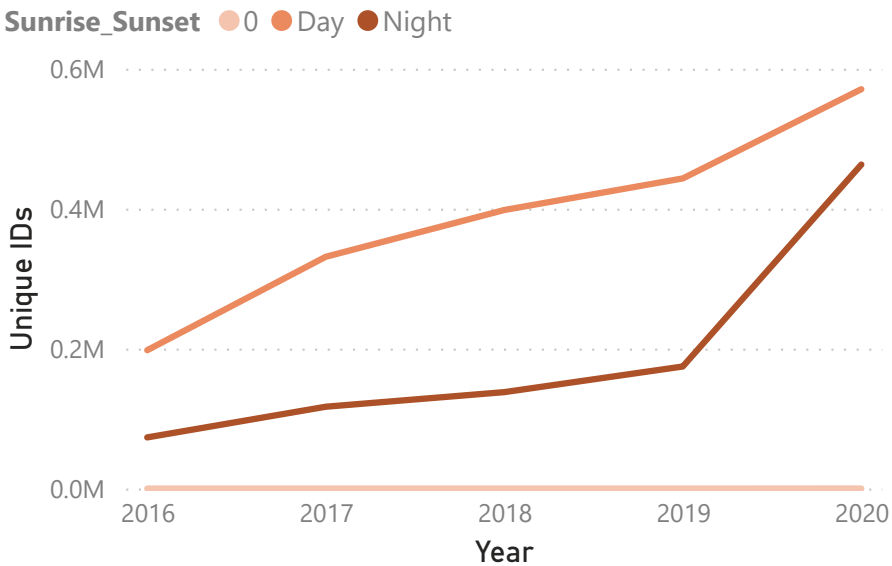


Total Accidents by State and No Exit

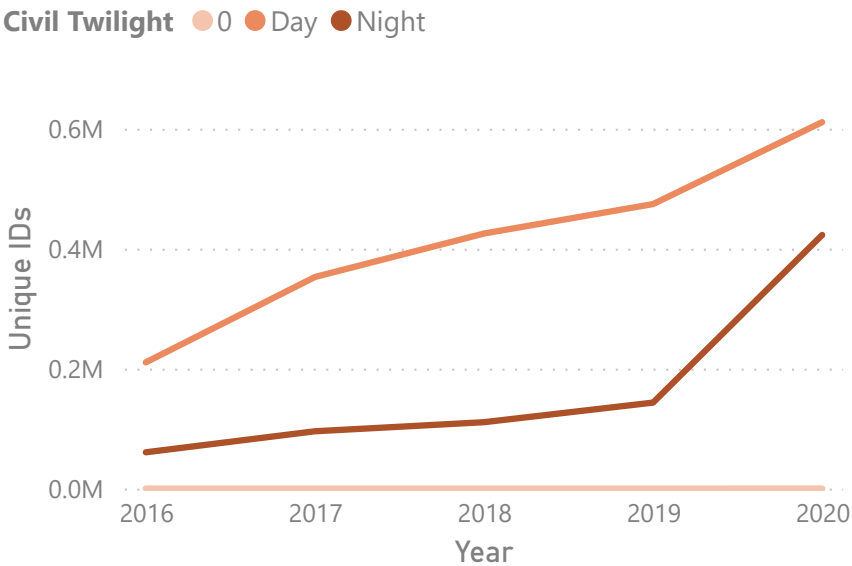


Accident Data by Time of Day

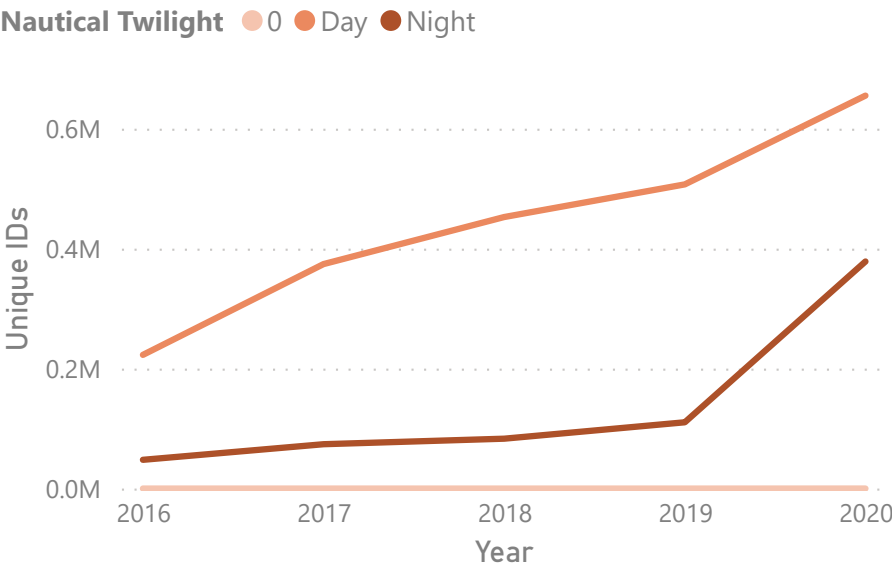
Accidents by Time of Day and Year



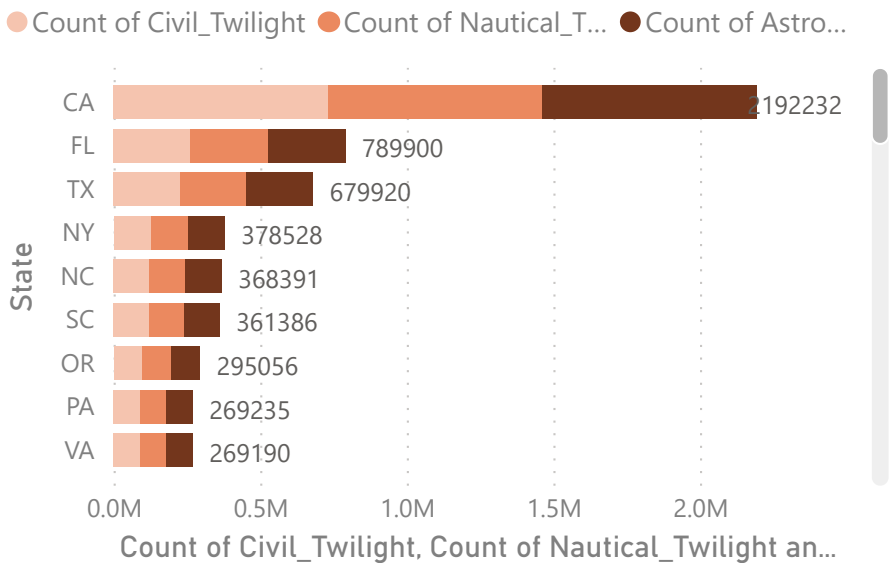
Accidents for Civil Twilight by Year



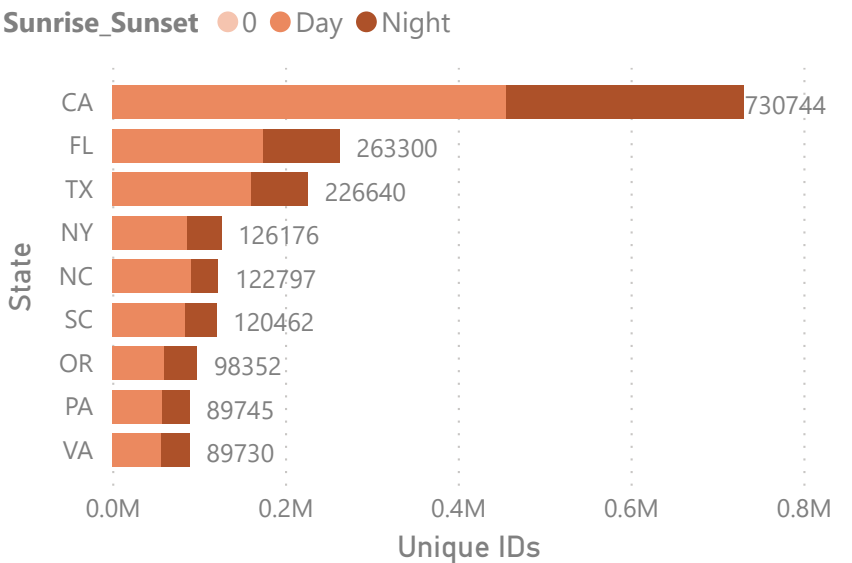
Accidents for Nautical Twilight by Year



Number of Accidents by State by Twilight Phases



Total Accidents by State and Time of Day



Accidents for Astronomical Twilight by Astronomical Twilight

