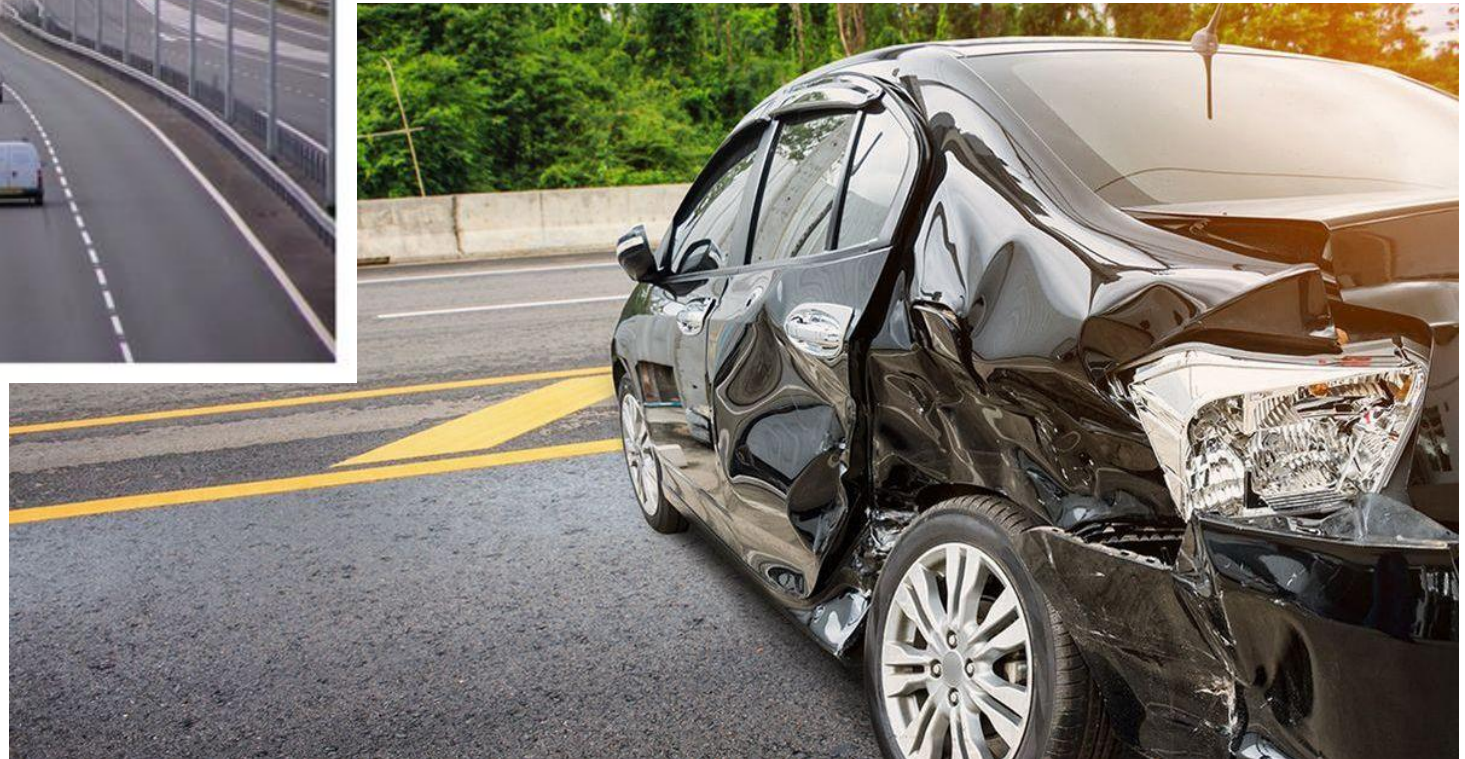


Which factors contribute to accident risk?

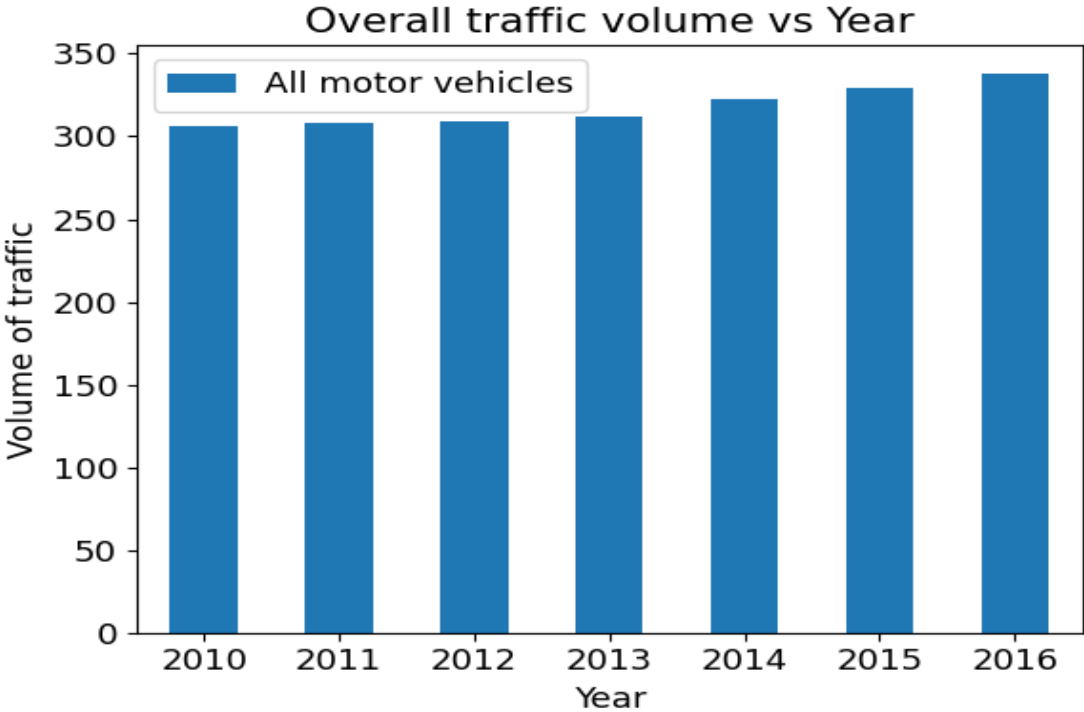
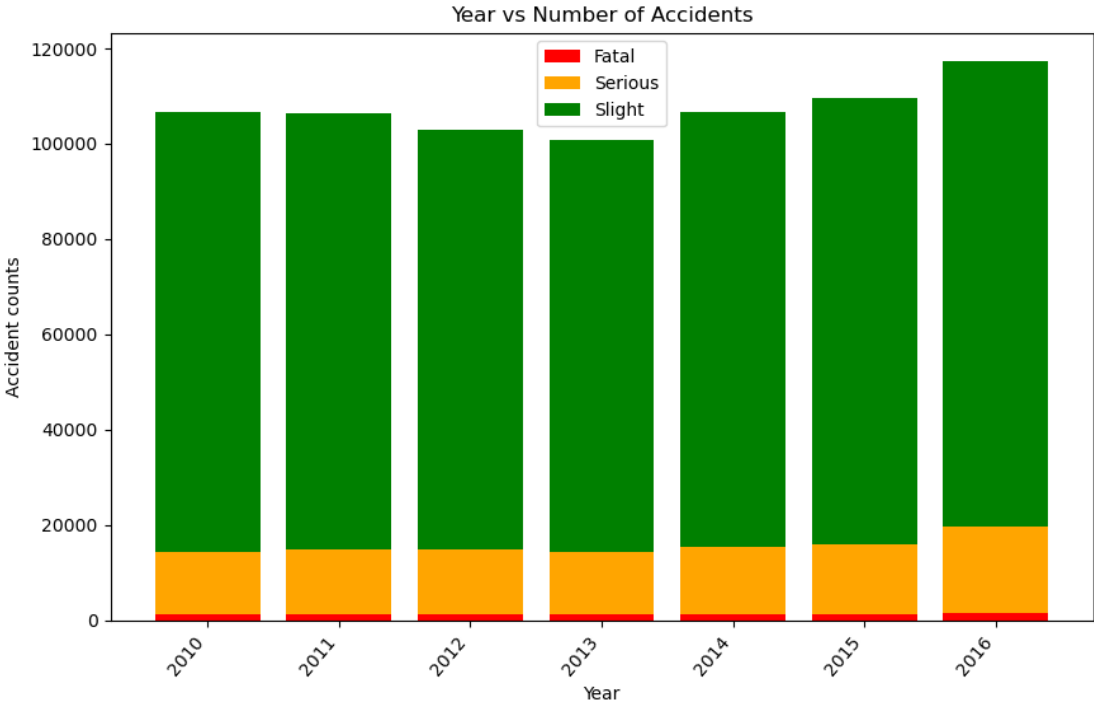


Is it volume of traffic?

•Hypothesis 1: Greater volume of traffic increases the number of accidents

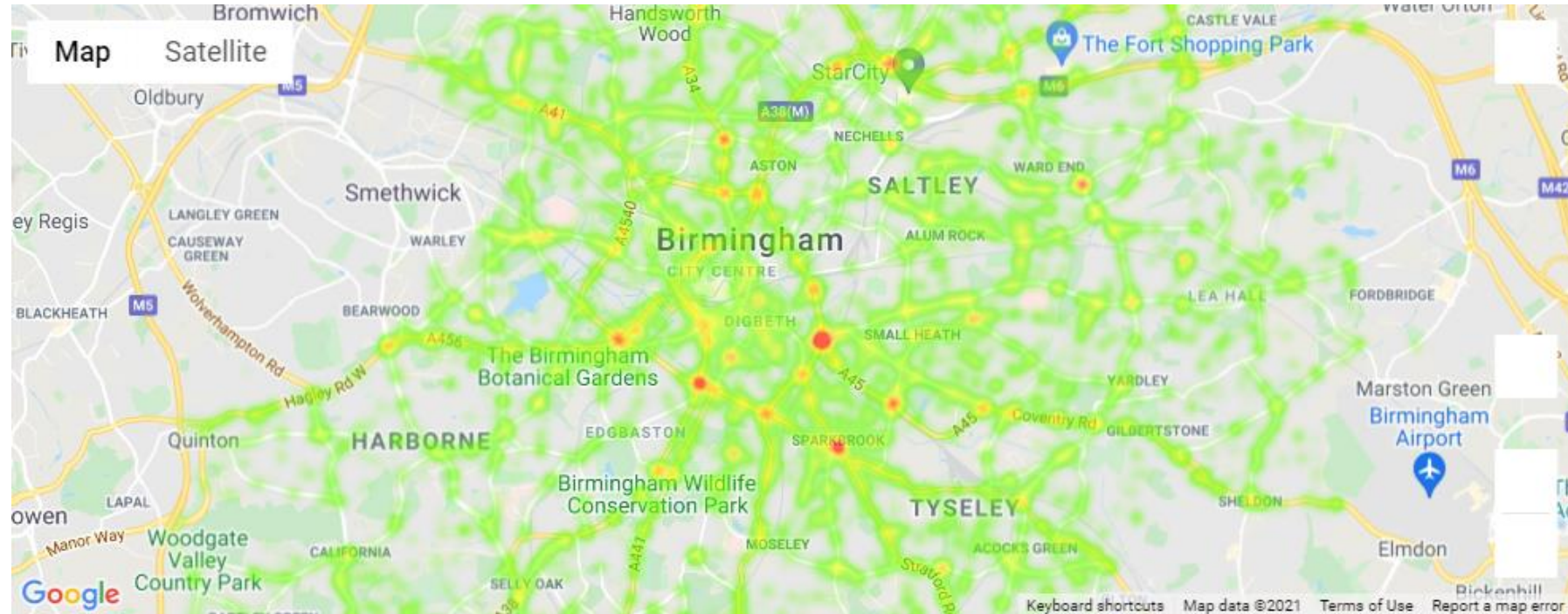
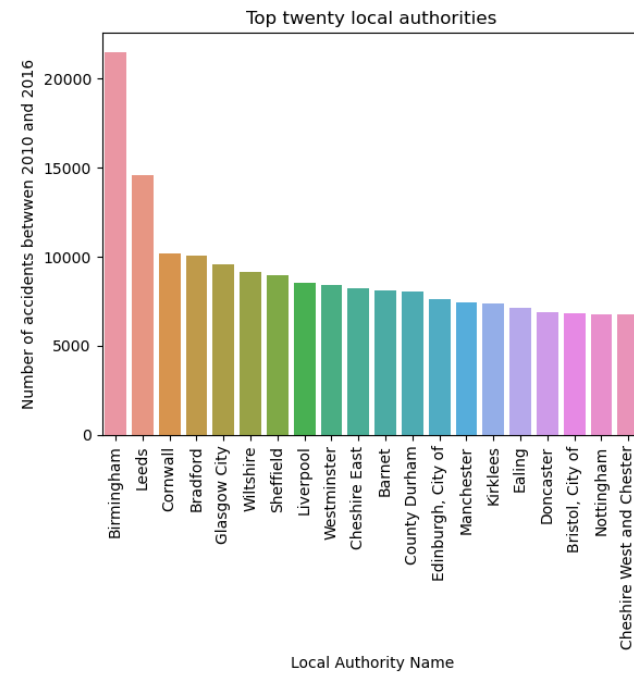
Out[29]:

Severity	Year	Fatal	Serious	Slight	Total
0	2010	1193	13195	92313	106701
1	2011	1250	13680	91390	106320
2	2012	1112	13727	88086	102925
3	2013	1132	13160	86421	100713
4	2014	1175	14096	91528	106799
5	2015	1220	14784	93669	109673
6	2016	1480	18177	97817	117474



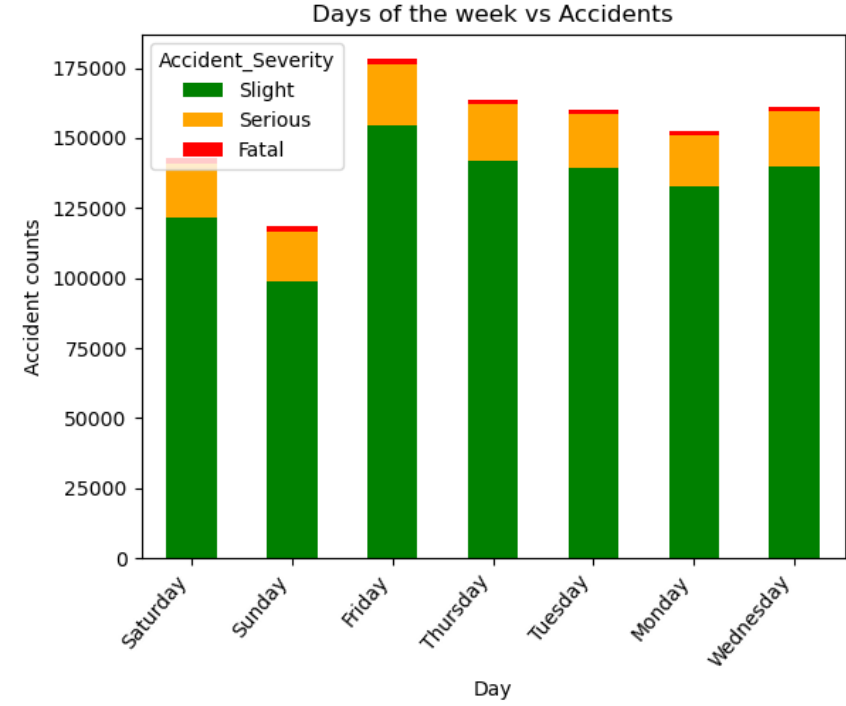
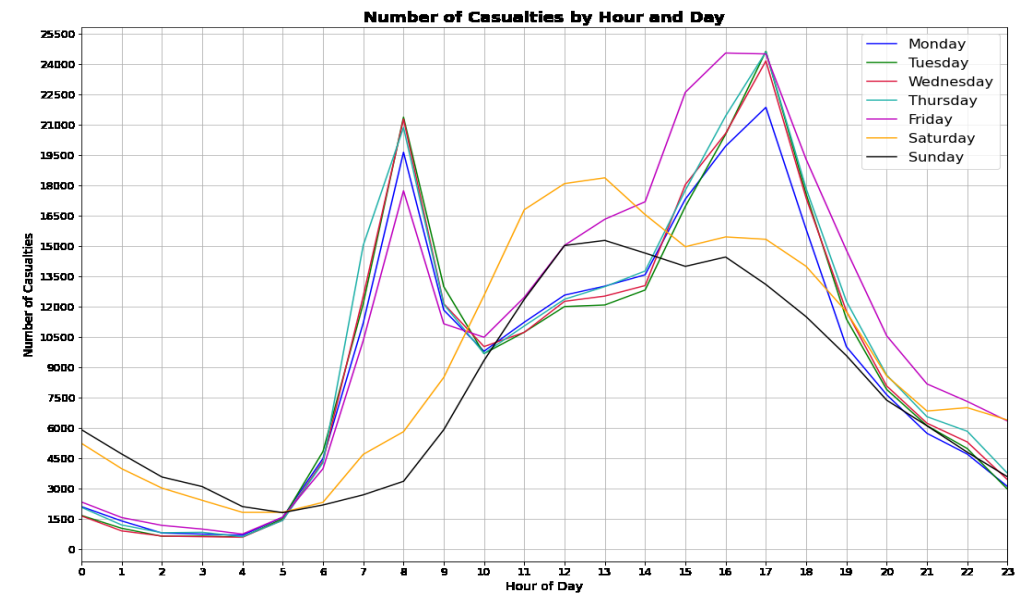
Is it where you are?

- Hypothesis 2: Urban areas have a greater number of accidents than rural areas

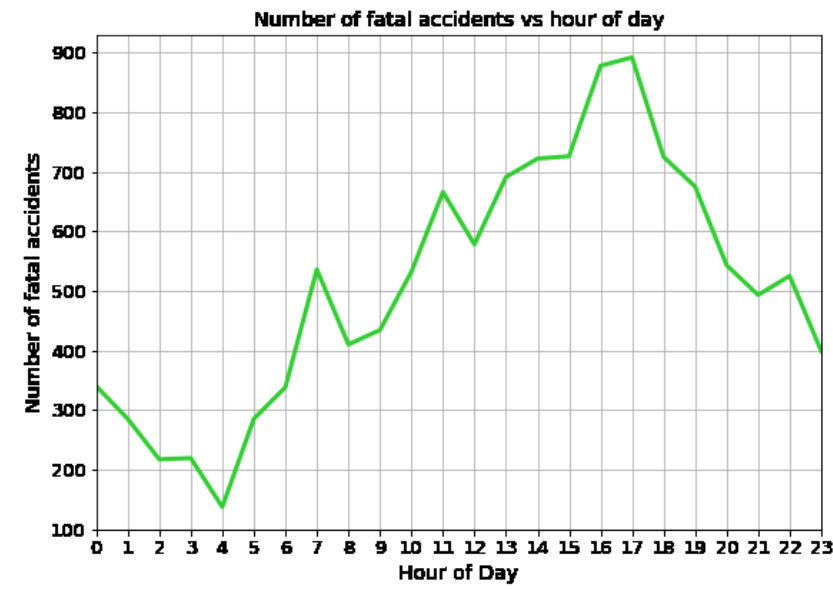
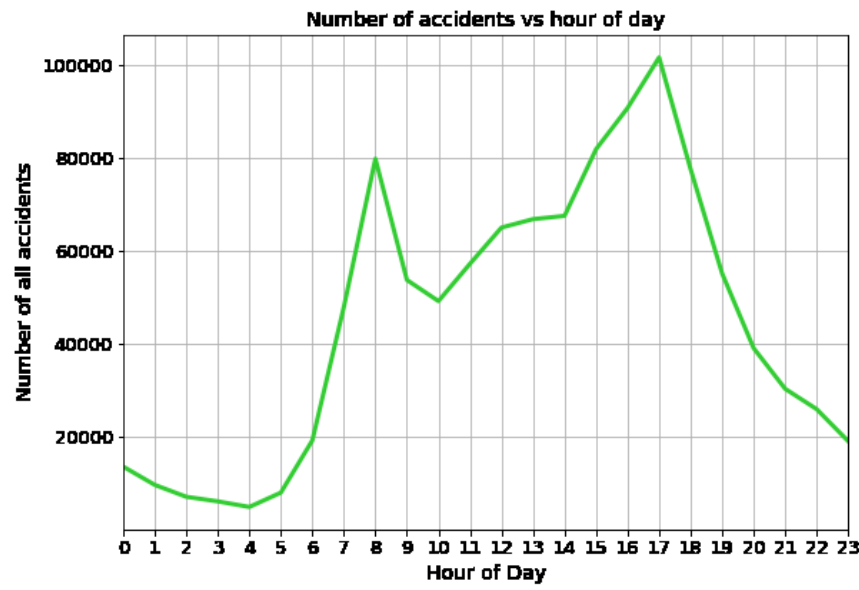


Is it the time of day, or the day of the week?

•Hypothesis 3: The time or day of the week does not affect the number of accidents

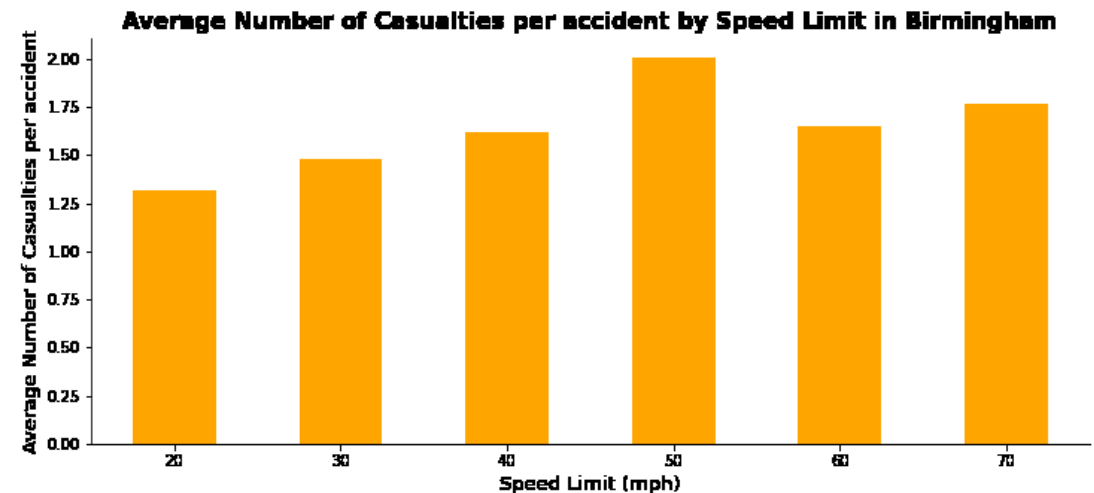
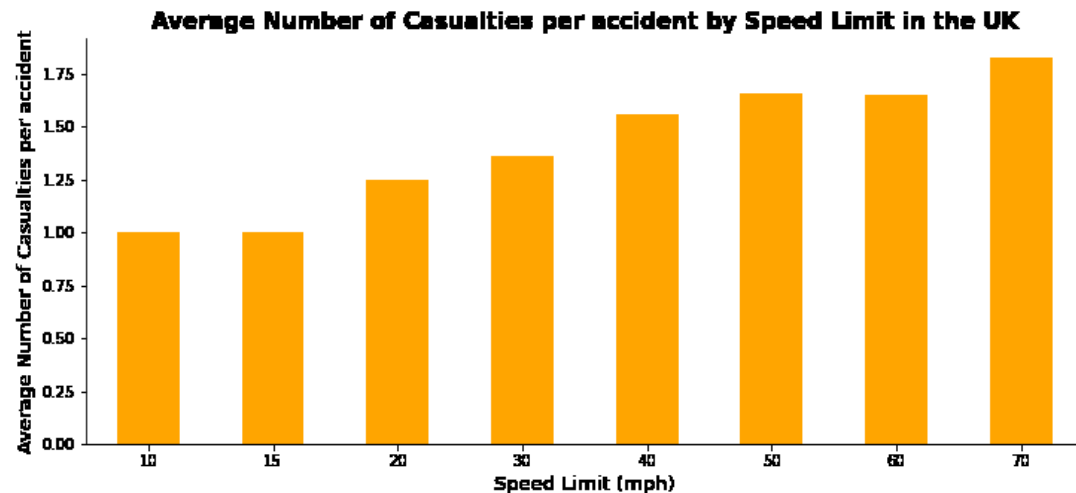
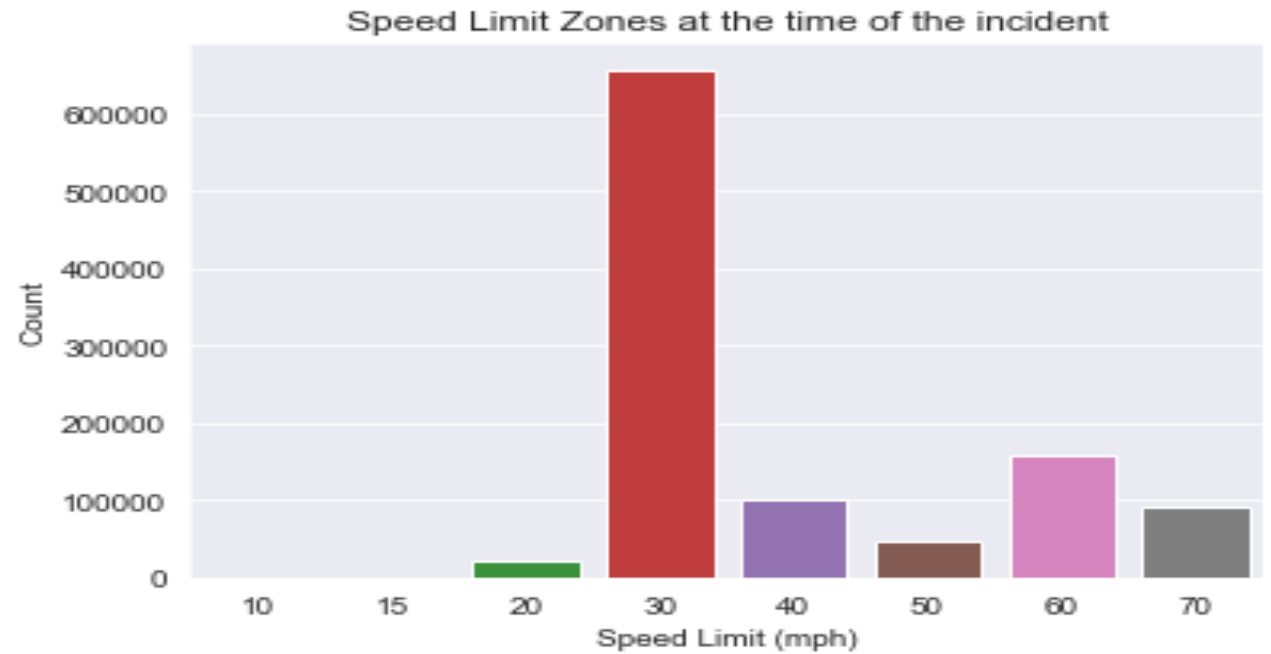


Relationship between the hour of day and number of accidents



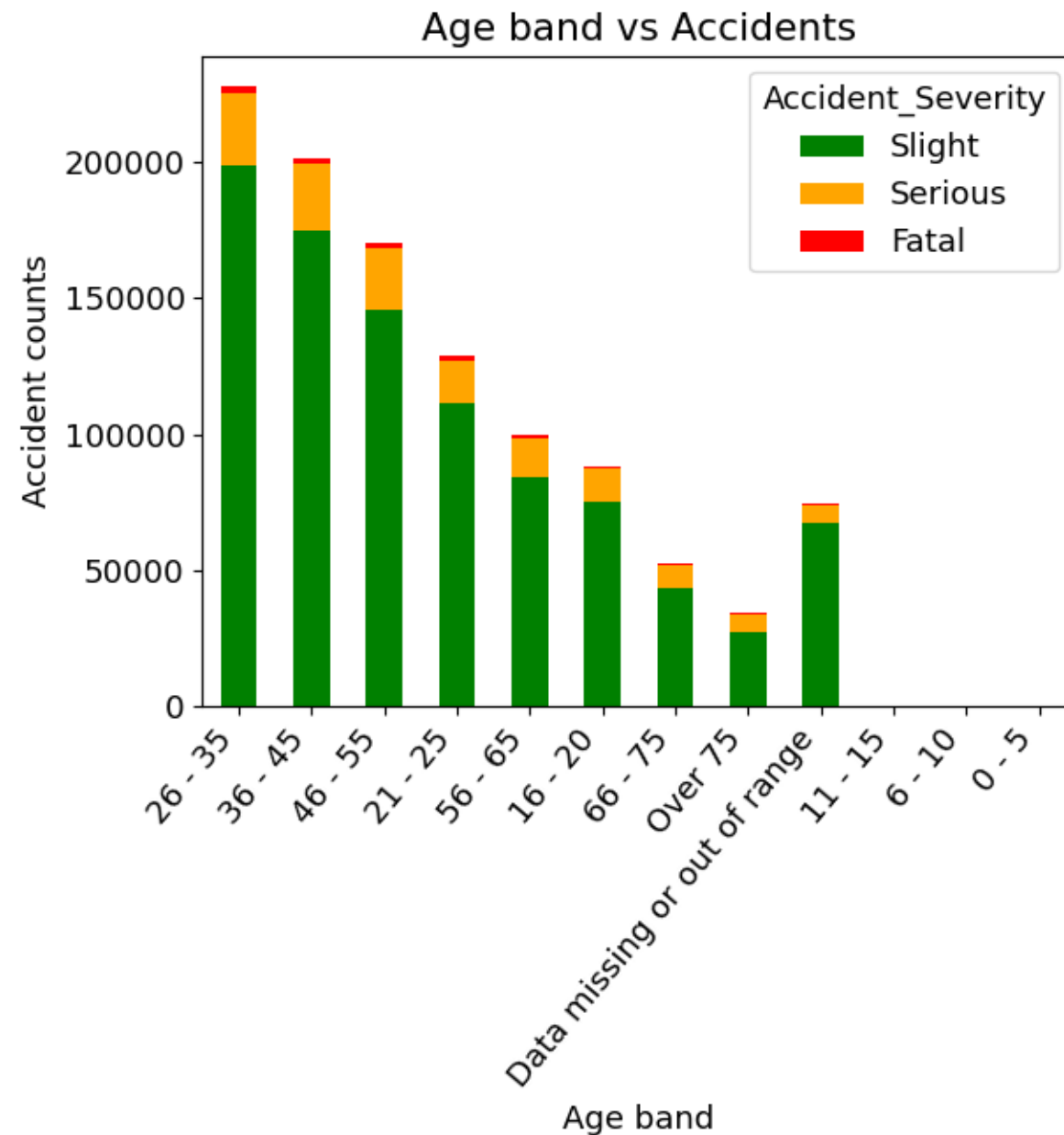
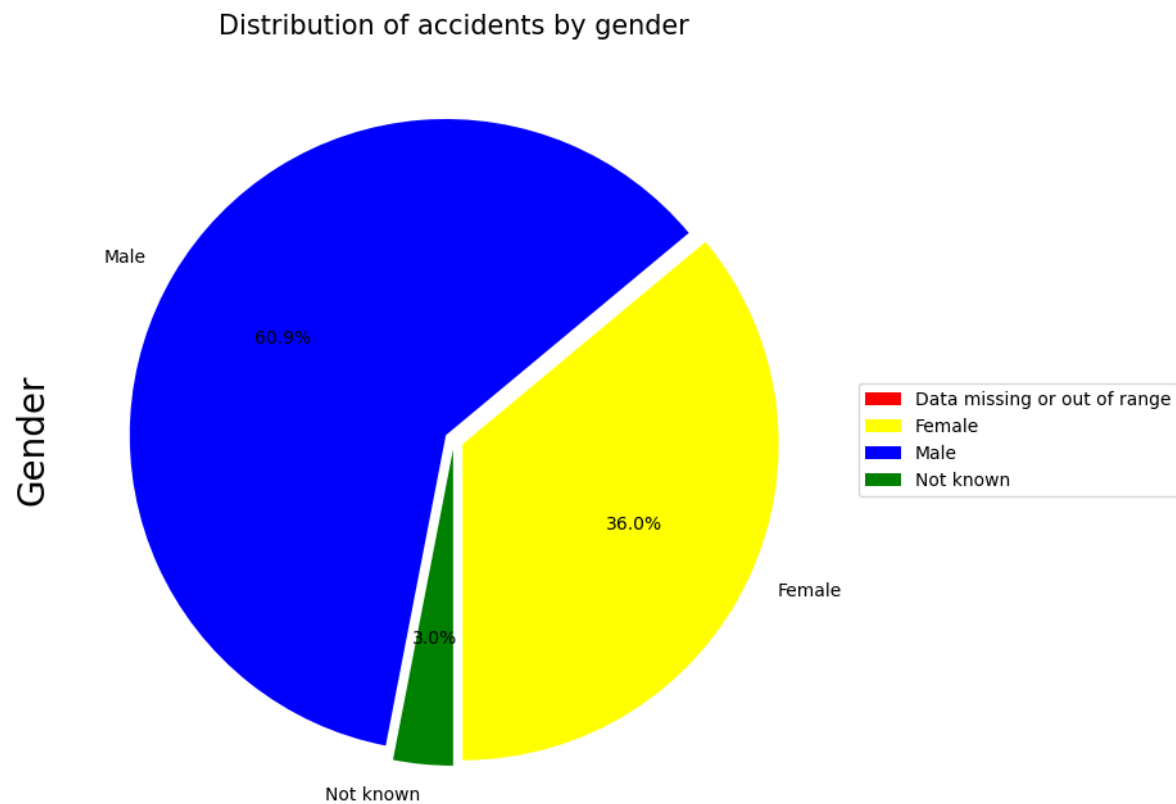
Is it the speed limit in force?

- Hypothesis 4: Speed limits do not influence the number of accidents



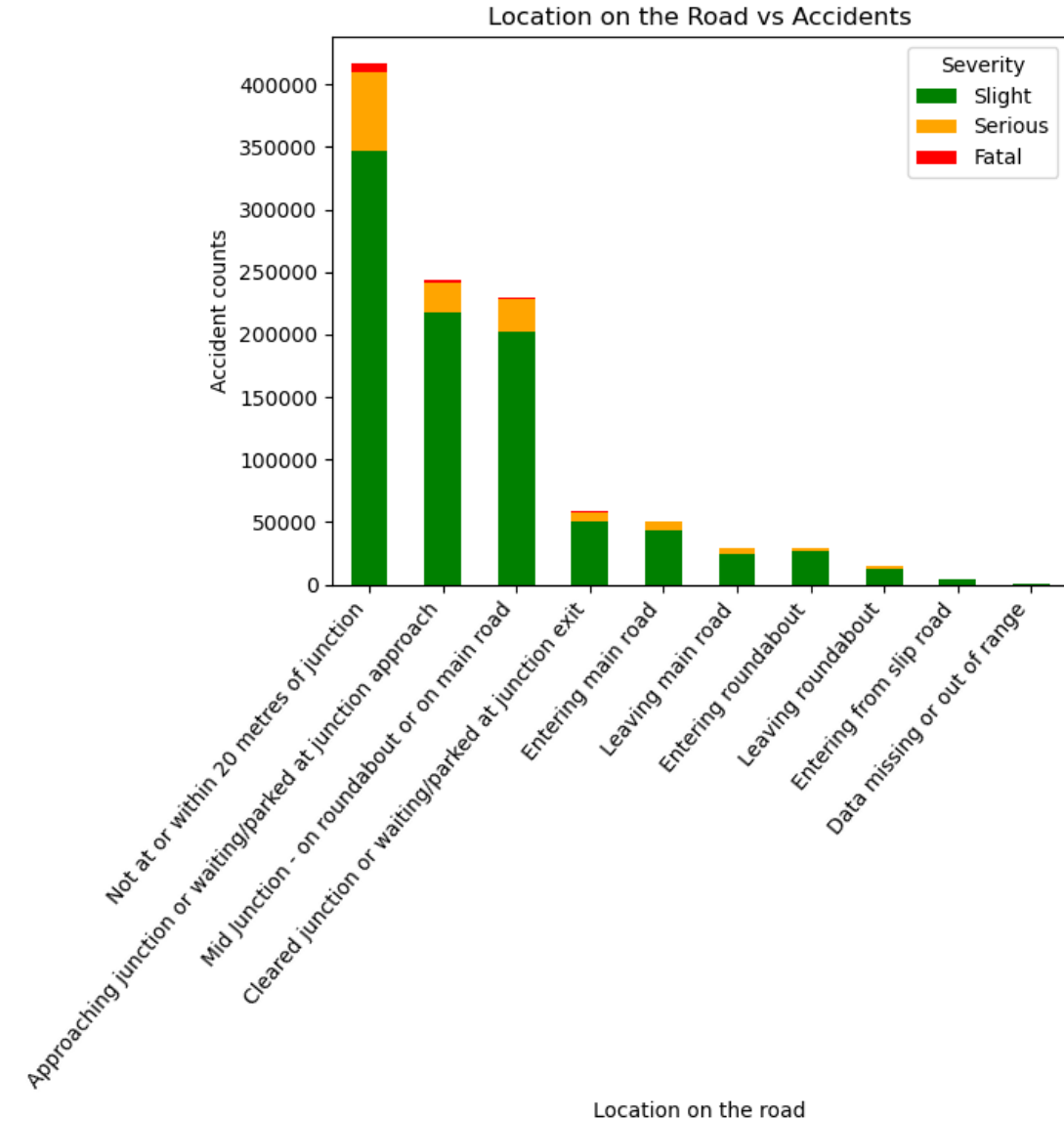
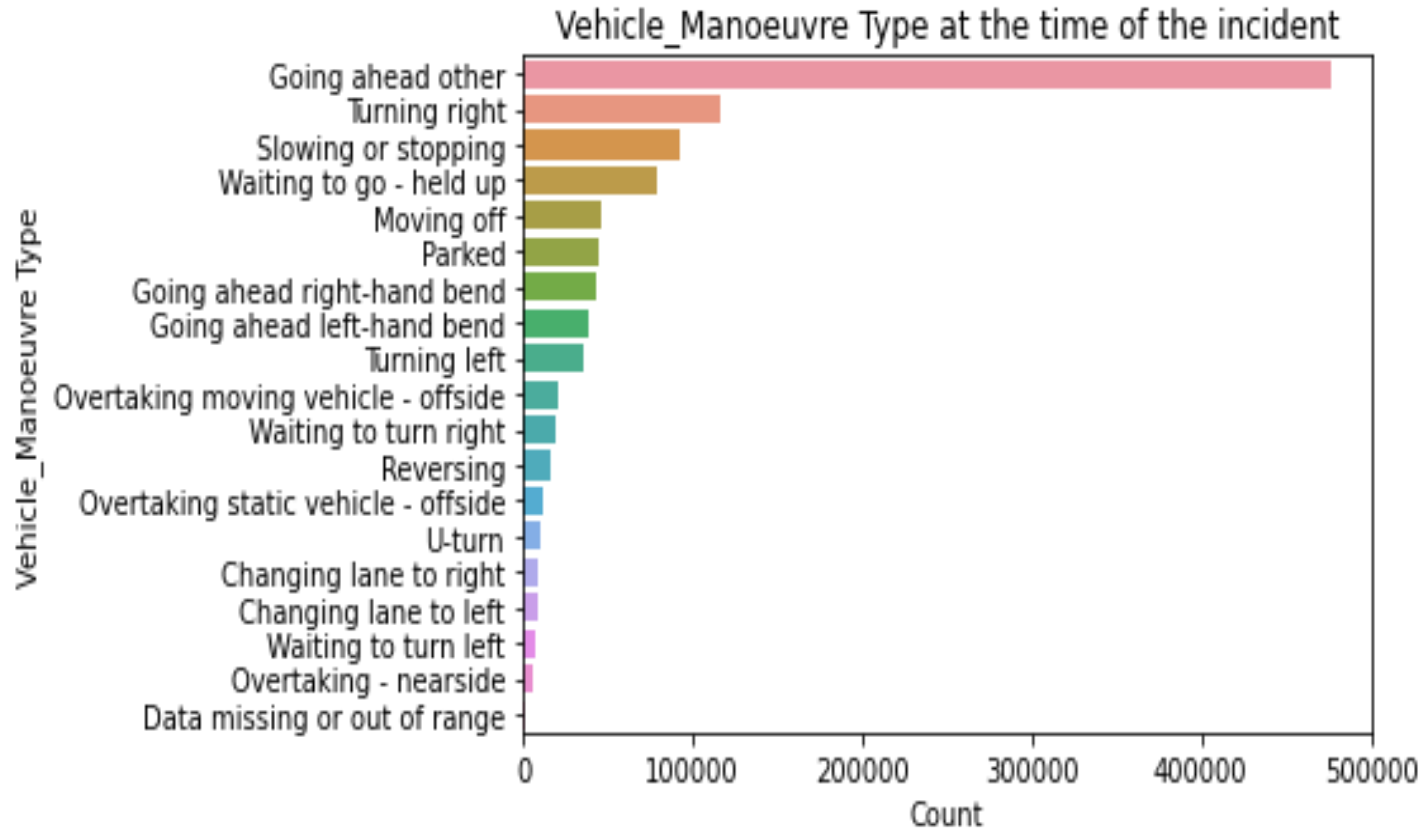
Is it the gender or age of the driver?

•Hypothesis 5: Biological factors like gender and age do not influence the number of accidents



Is it the manoeuvre or the location on the road?

- Hypothesis 6: Location on the road or vehicle manoeuvre does not influence the number of accidents



Or Is it the weather or road conditions?

