

Aims & Objectives of the Project

- Visualisation of the Data.
- Comparing accidents per States with the respective population of each States.
- Accidents per square Kilometer for each State.
- Accident categorization based on the nature of the injured victims.
- Accident categorization using Months and Weeks, Days and Hours.
- Accident categorization using Hours and Road conditions.
- Seasonal categorization both for the Germany and North Rhein-Westfalen.
- Various means of road accidents.



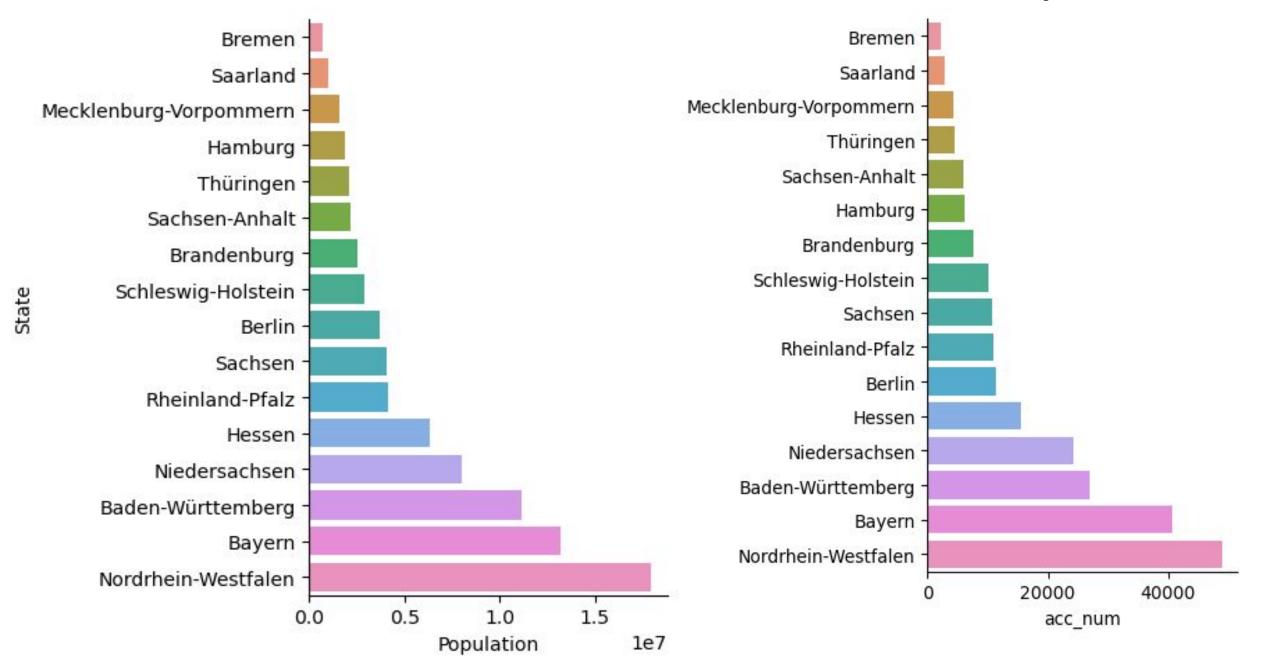
Plot of accidents in Germany

2.5

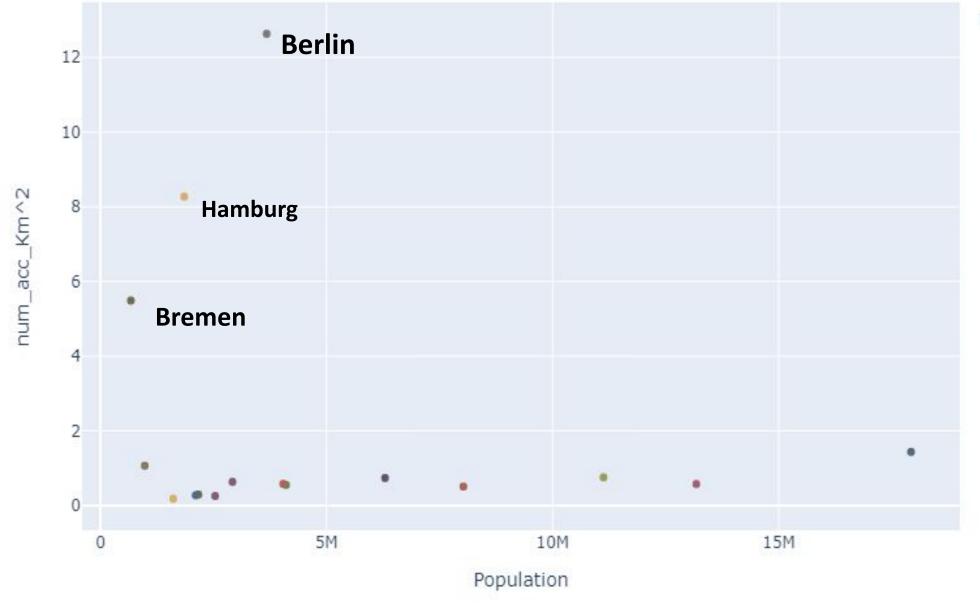
1.5

Population per States

Accidents per State



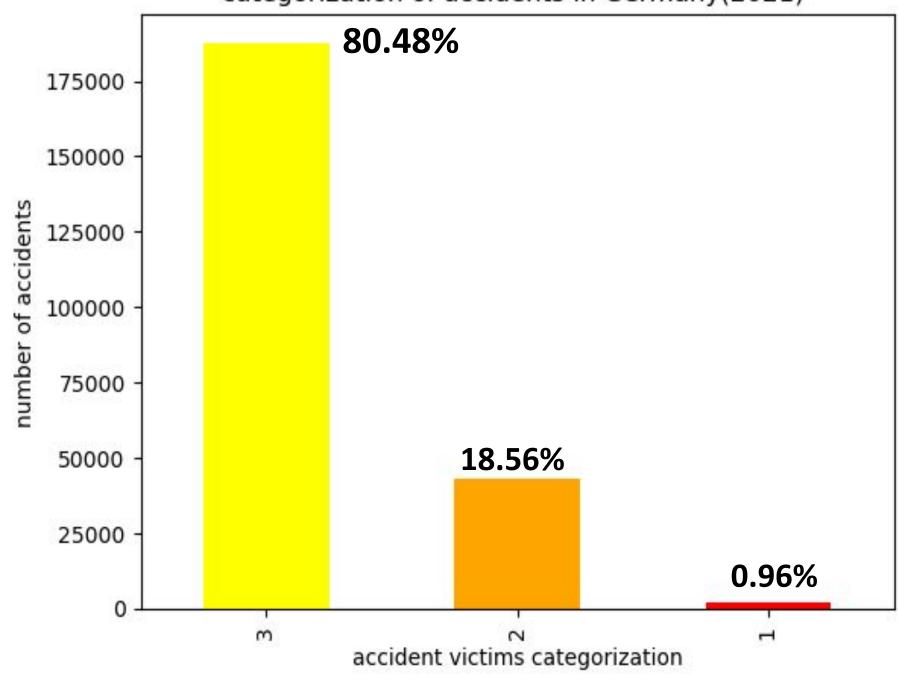
Accidents per square kilometer for States in Germany(2021)



State

- Schleswig-Holstein
- Hamburg
- Niedersachsen
- Bremen
- Nordrhein-Westfalen
- Hessen
- Rheinland-Pfalz
- Baden-Württemberg
- Bayern
- Saarland
- Berlin
- Brandenburg
- Mecklenburg-Vorpommern
- Sachsen
- Sachsen-Anhalt
- Thüringen

categorization of accidents in Germany(2021)

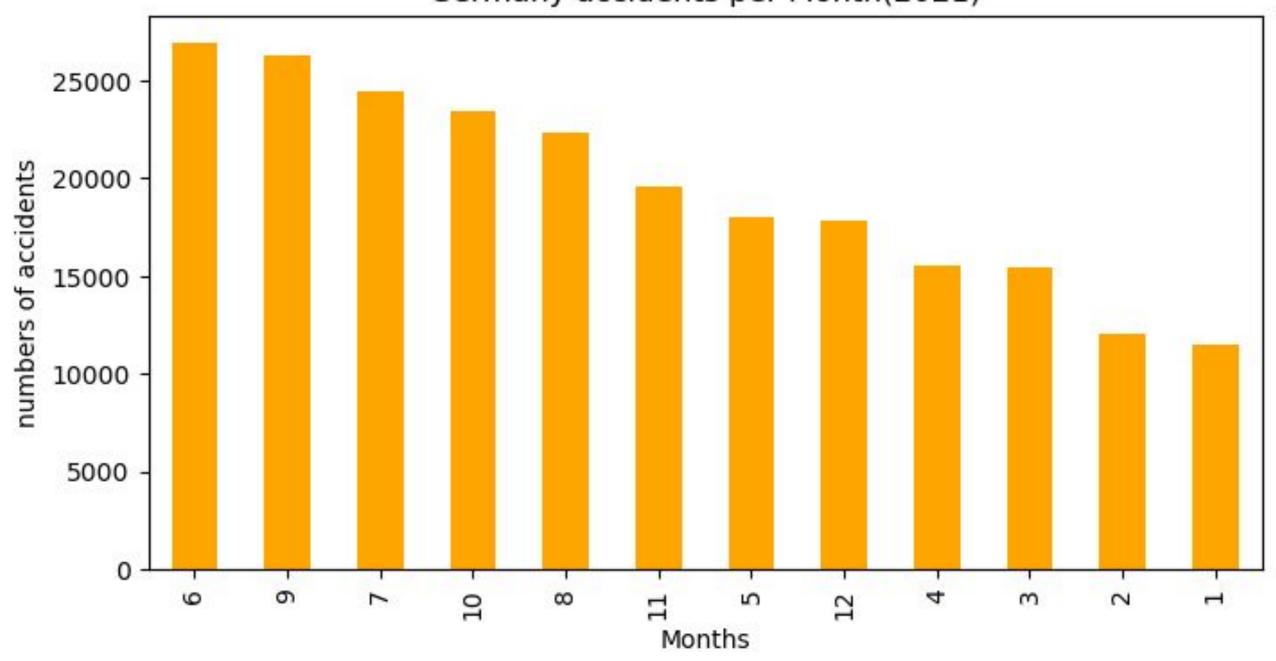


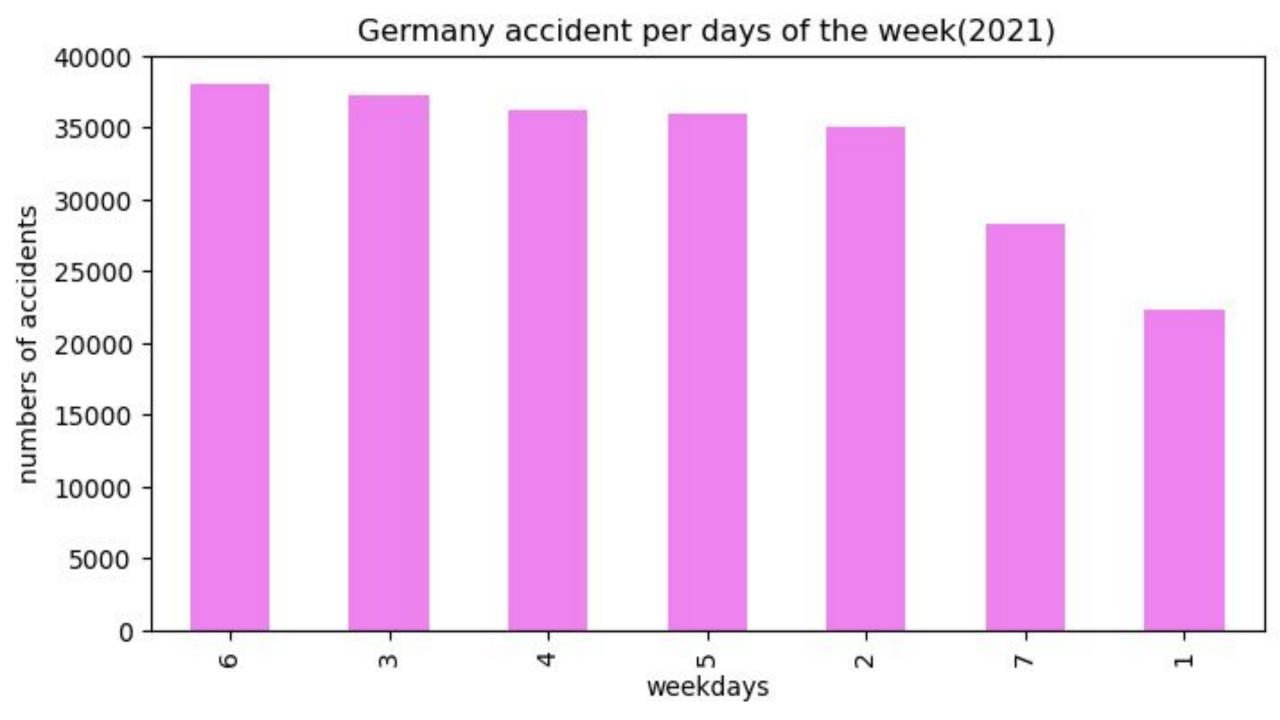
1 = Accident with Death

2 = Accident with seriously injured

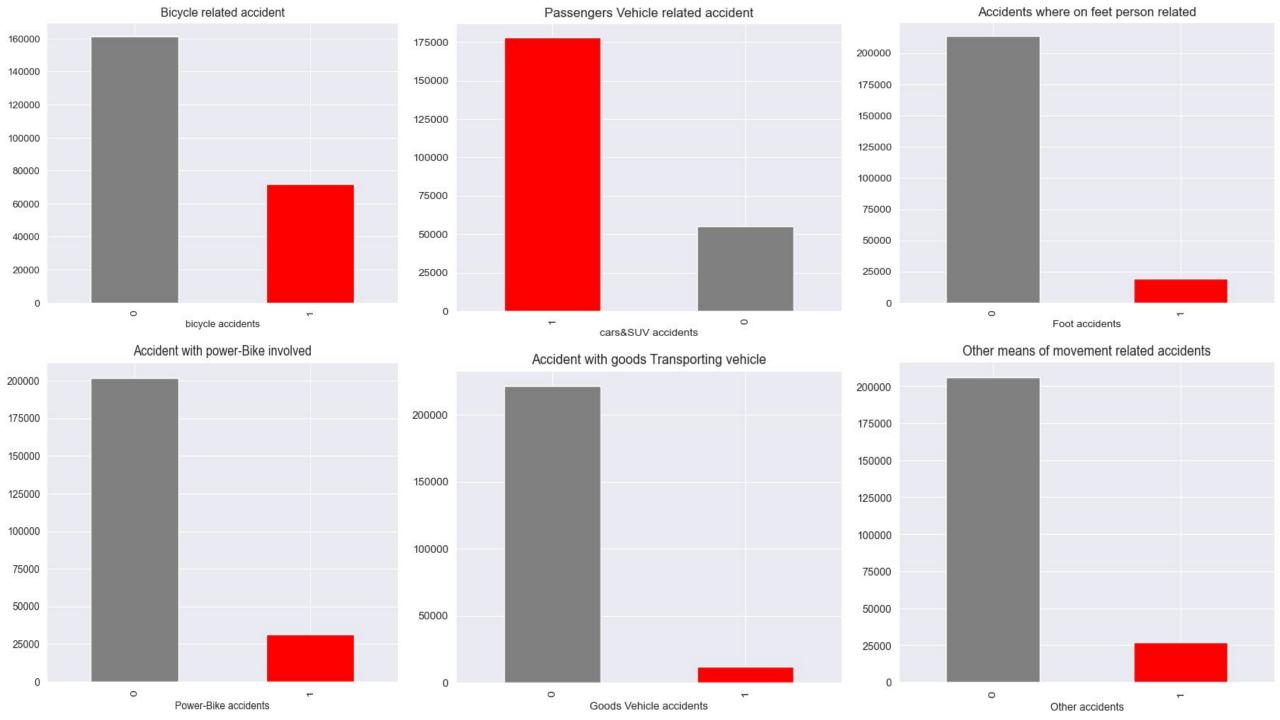
3 = Accident with minor injuries

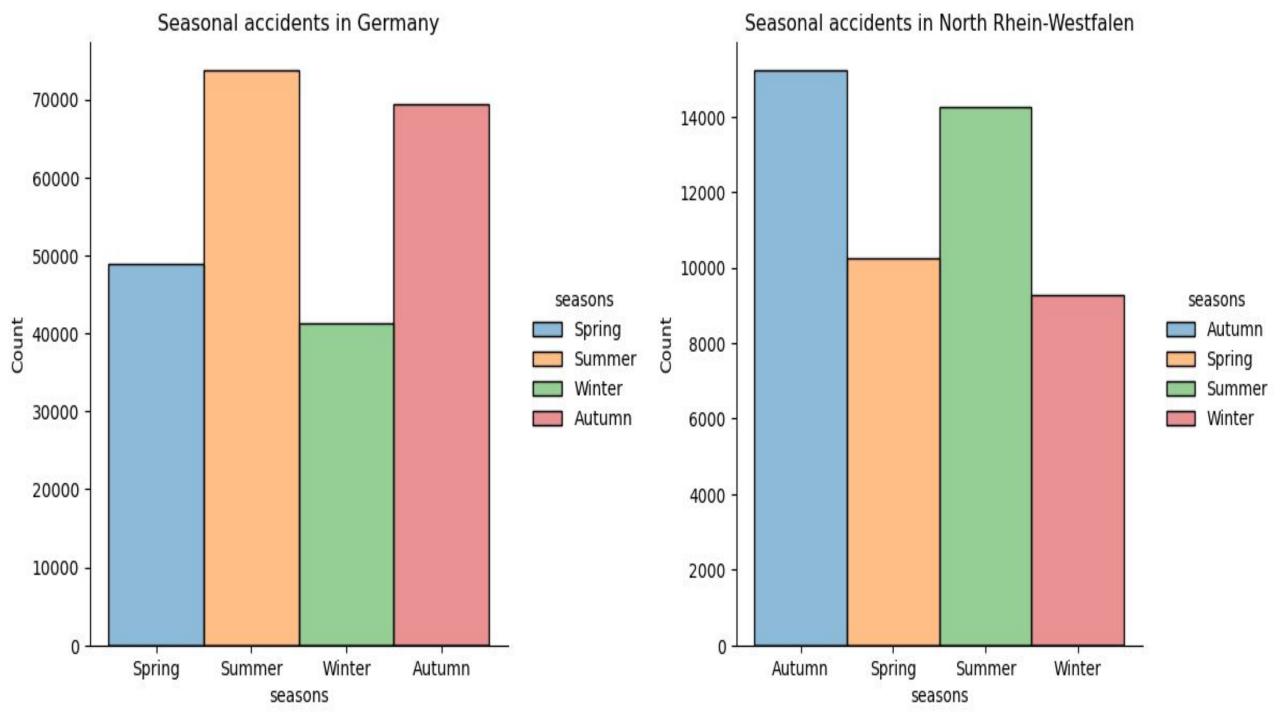
Germany accidents per Month(2021)

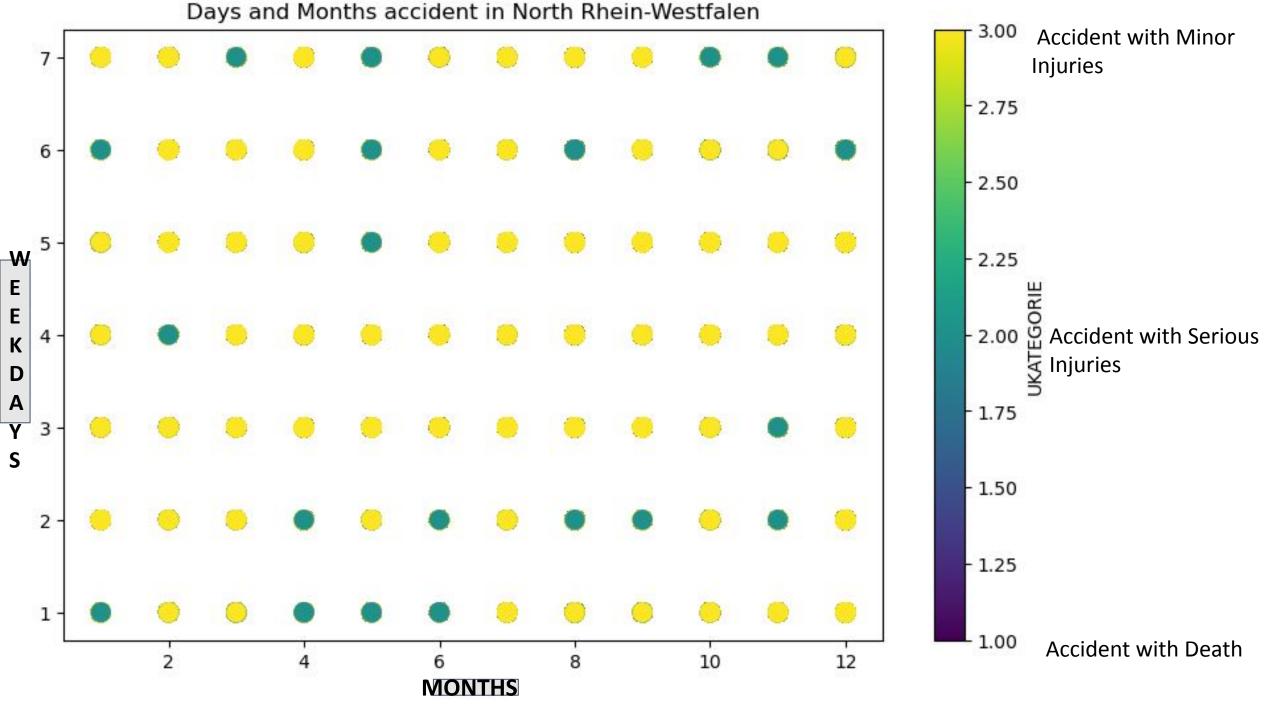


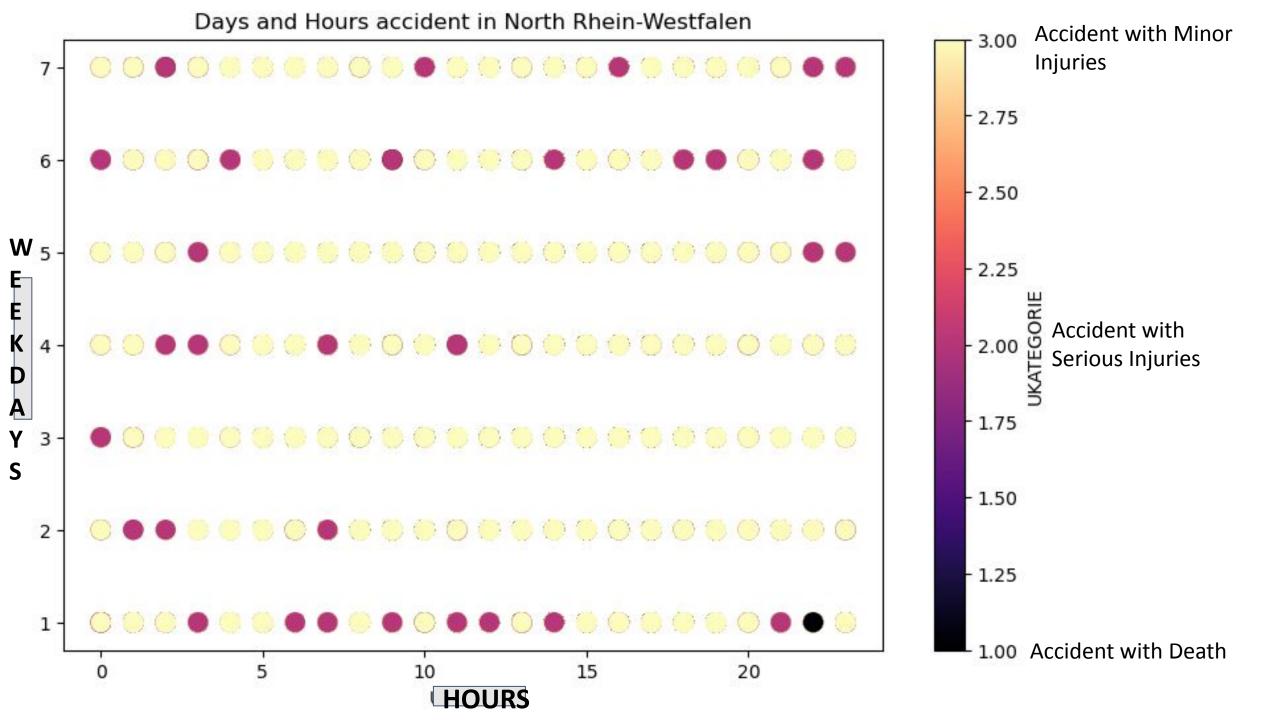




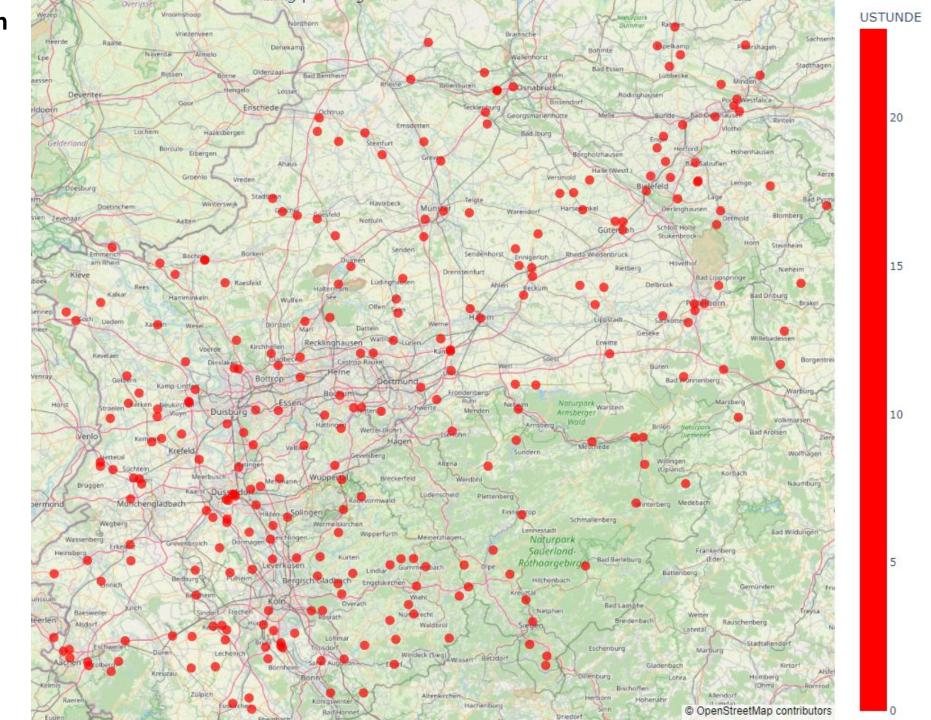




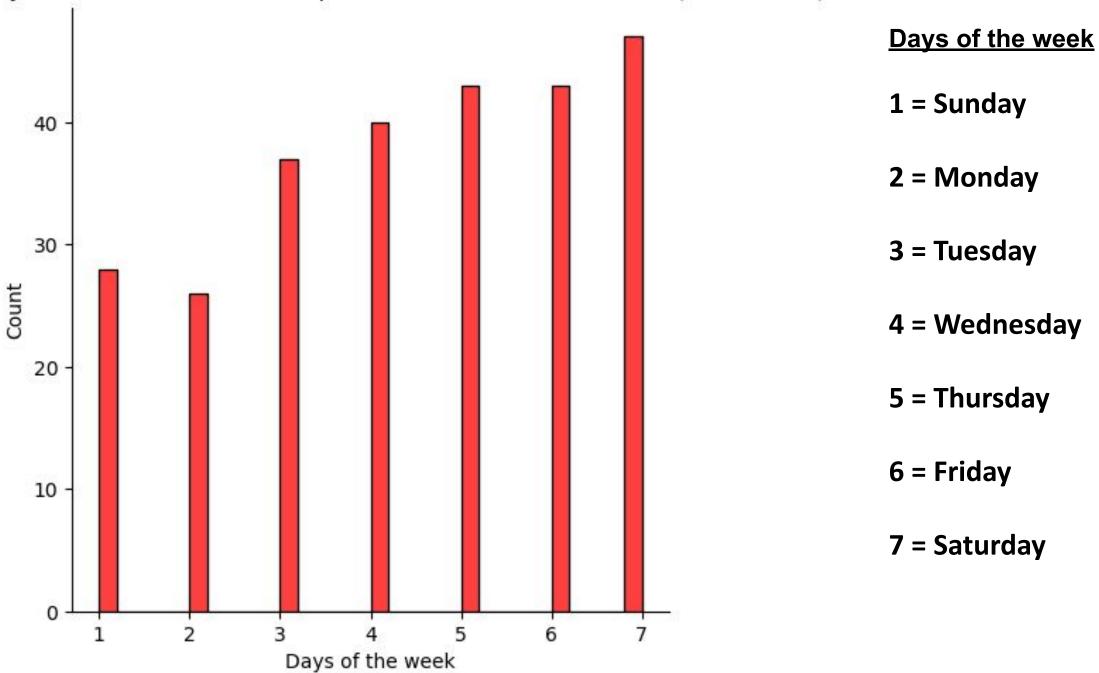




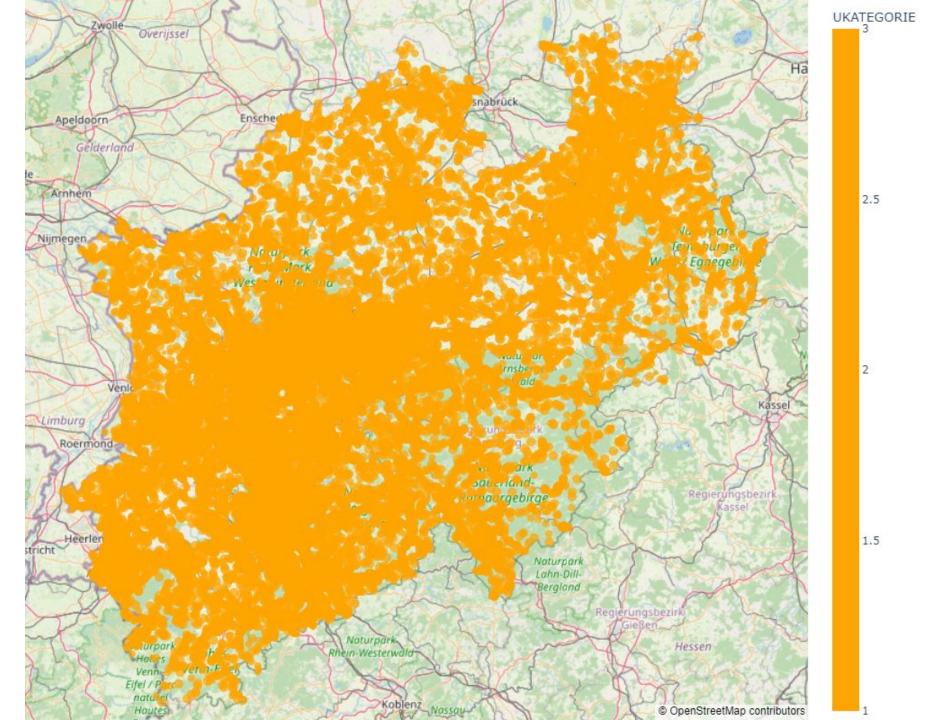
Death related accident in North Rhein-Westfalen



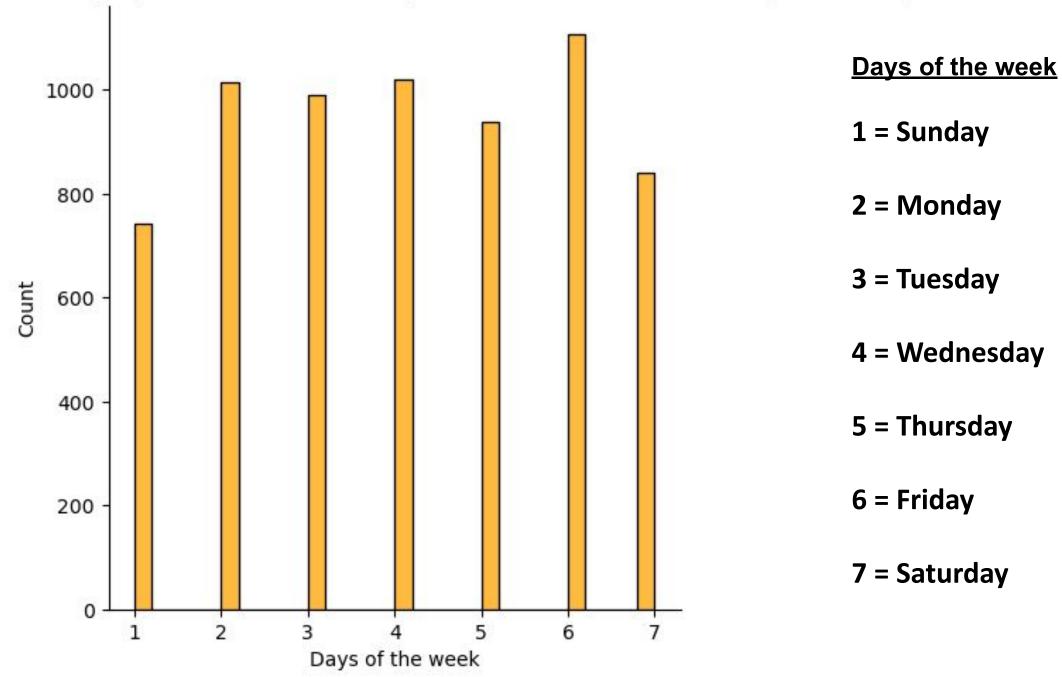
Weekdays accident death victims plot for North Rhein-Westfalen(Cars&SUVs)

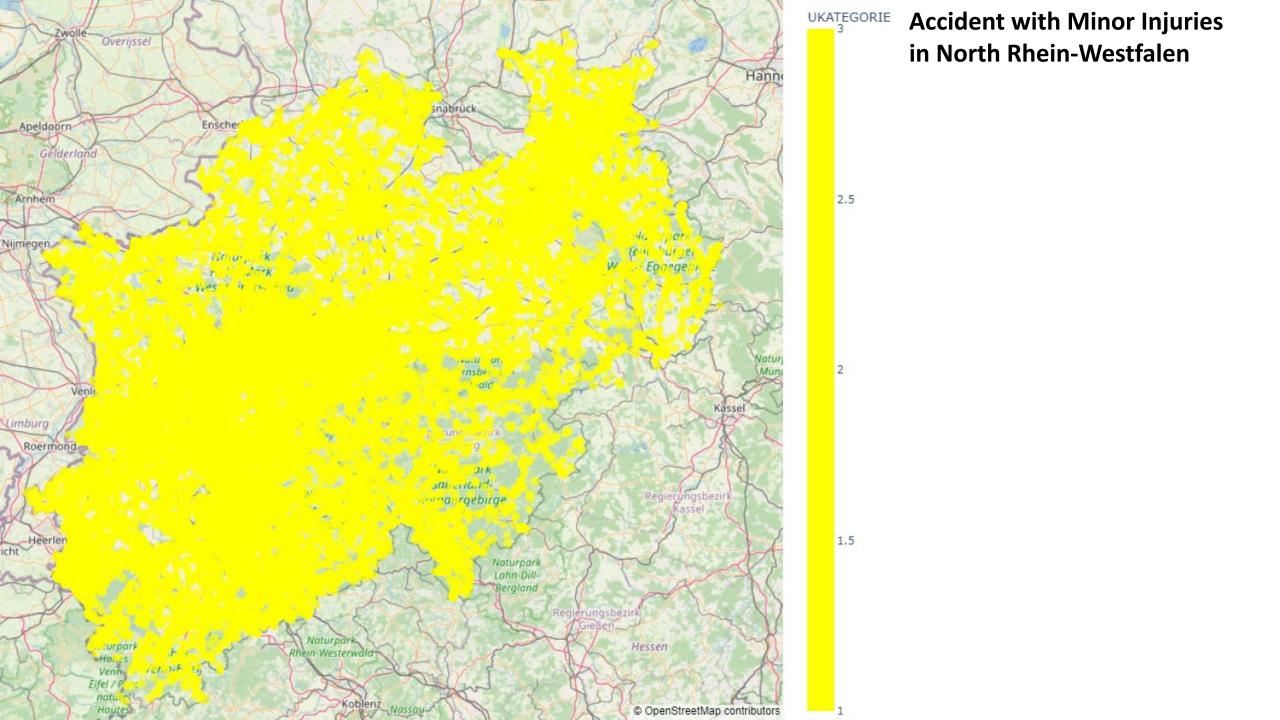


Accident with Serious Injuries in North Rhein-Westfalen

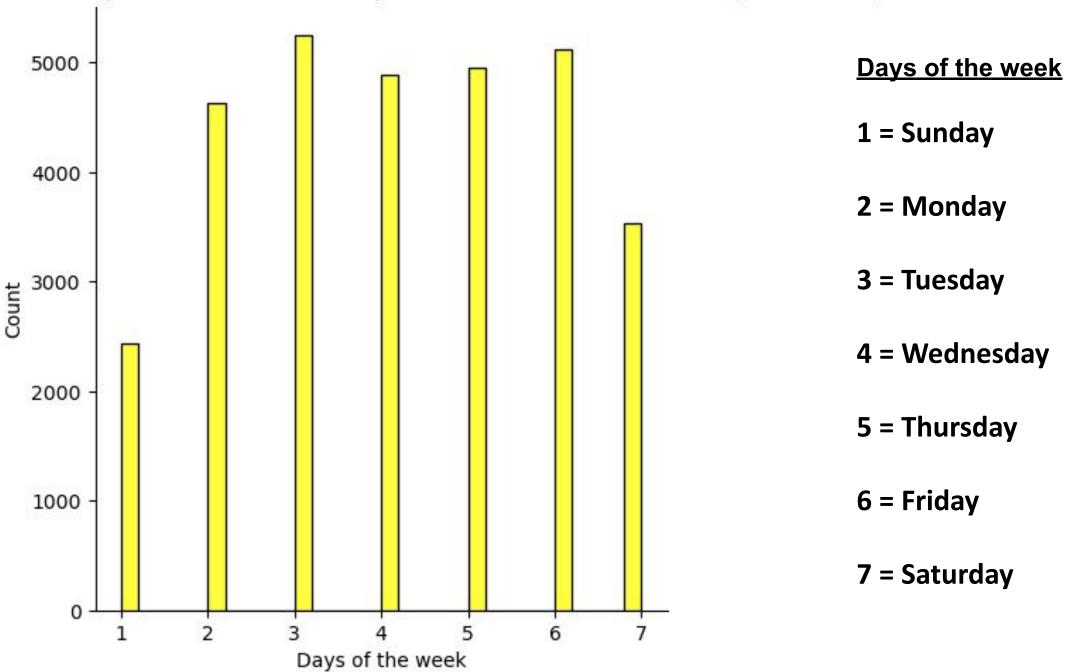


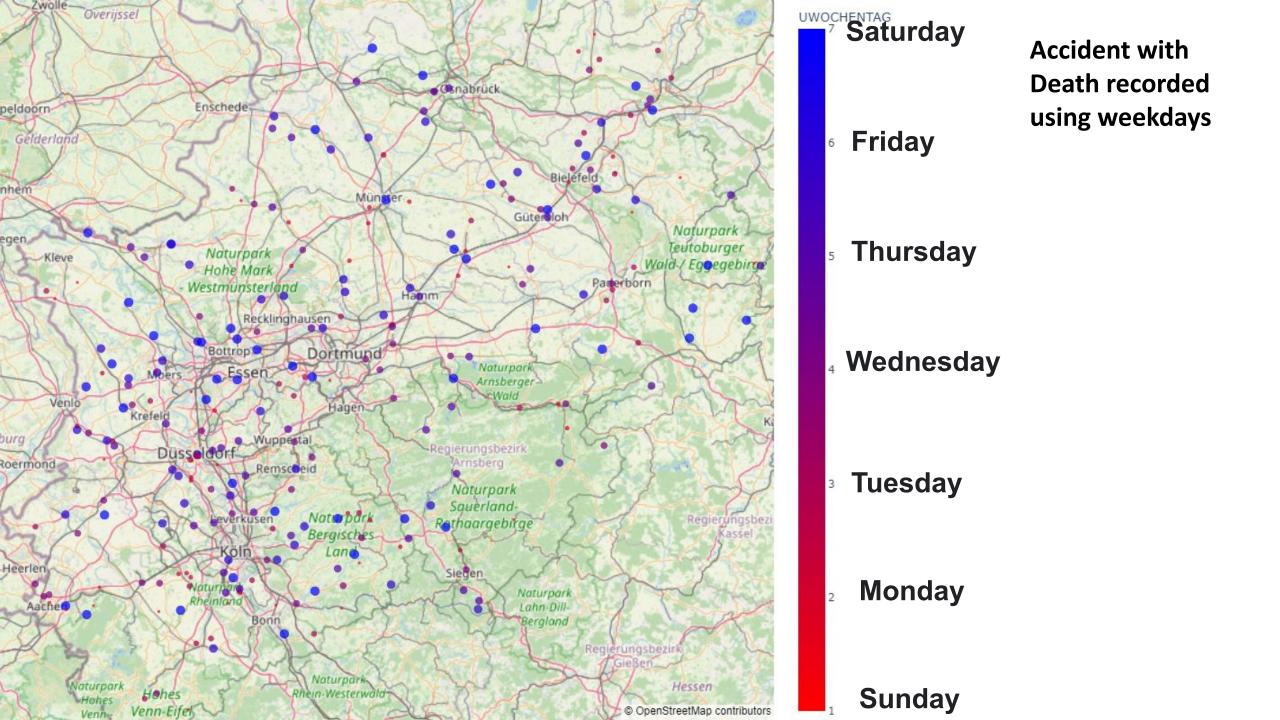
Weekdays seriously injured accident victims plot for North Rhein-Westfalen(Cars&SUVs)

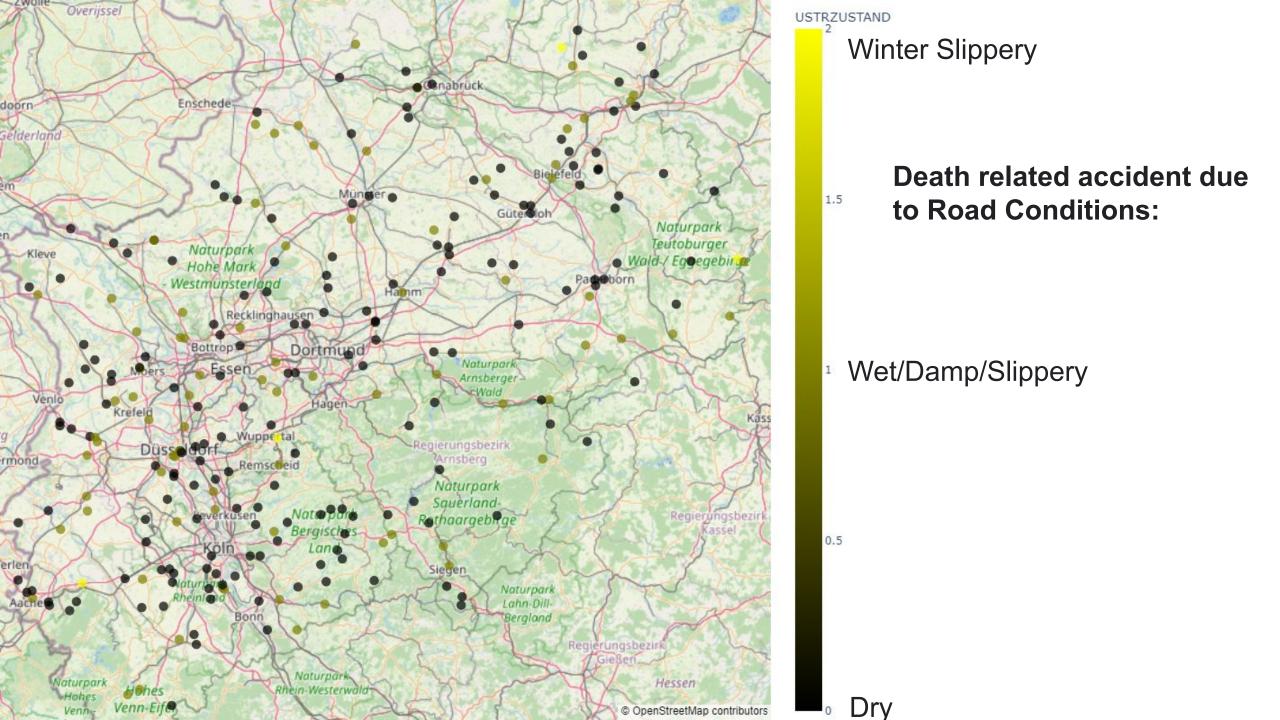


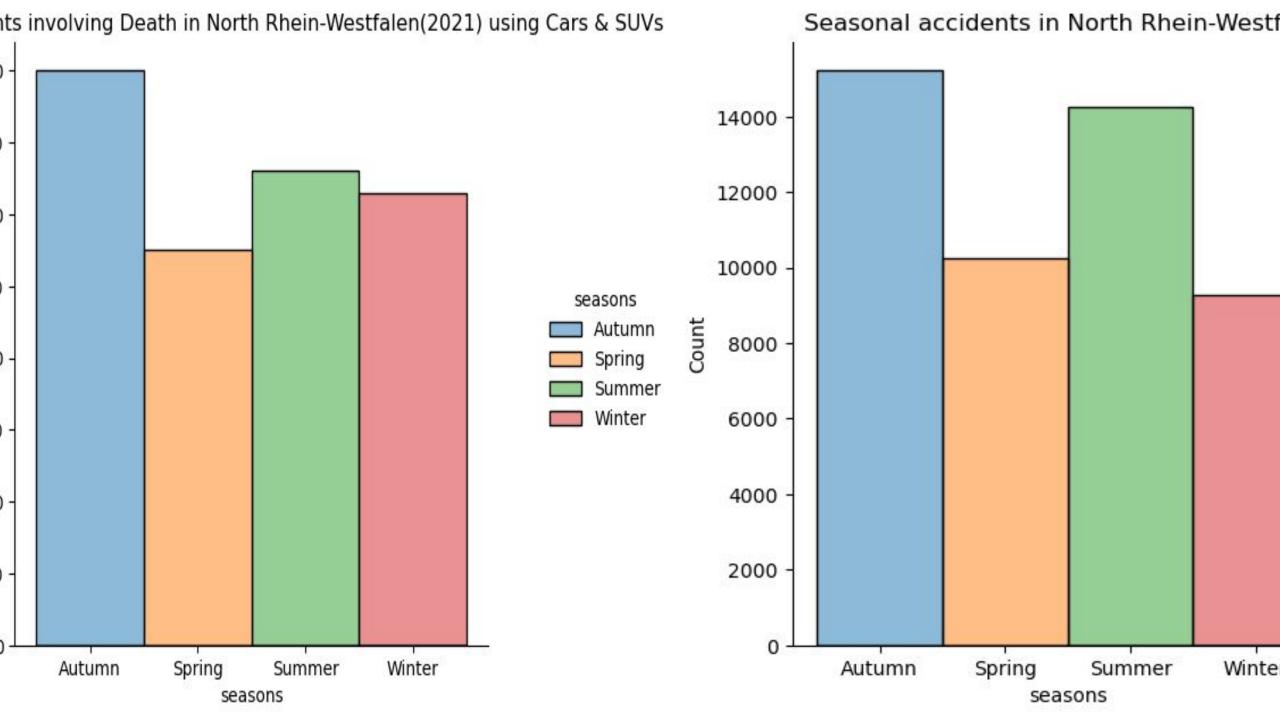


Weekdays minor injured accident victims plot for North Rhein-Westfalen(Cars&SUVs)





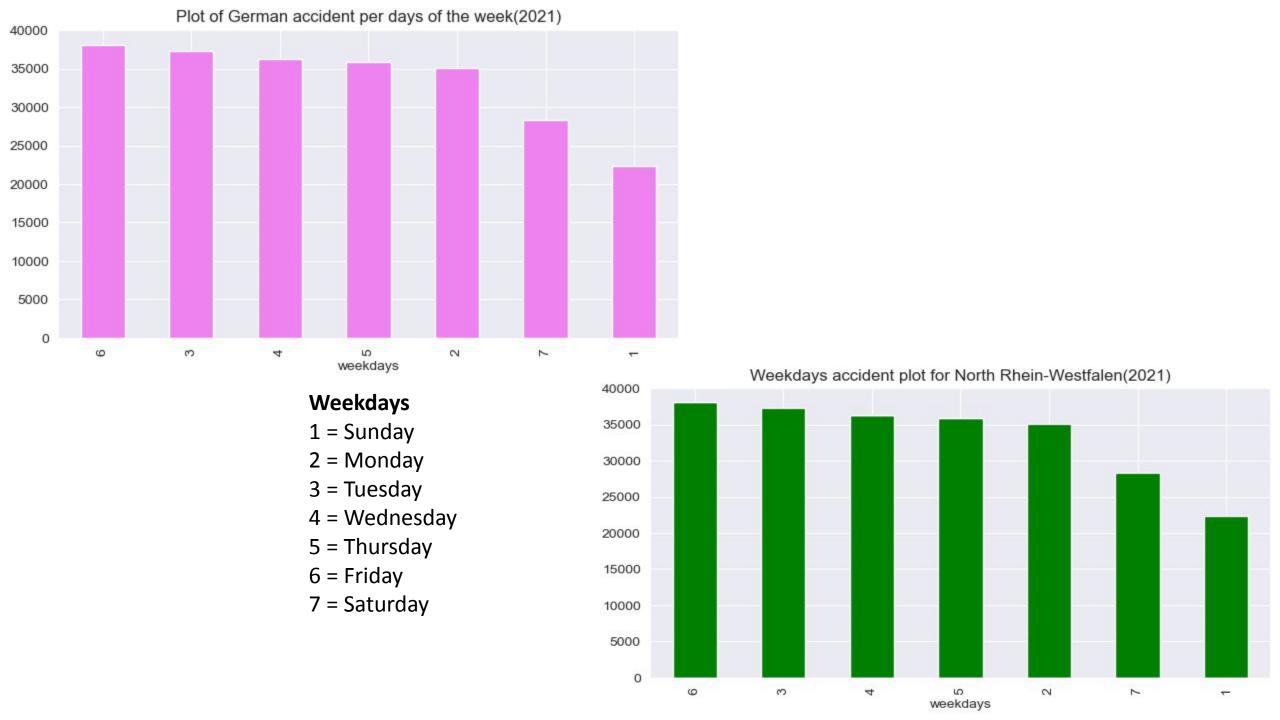


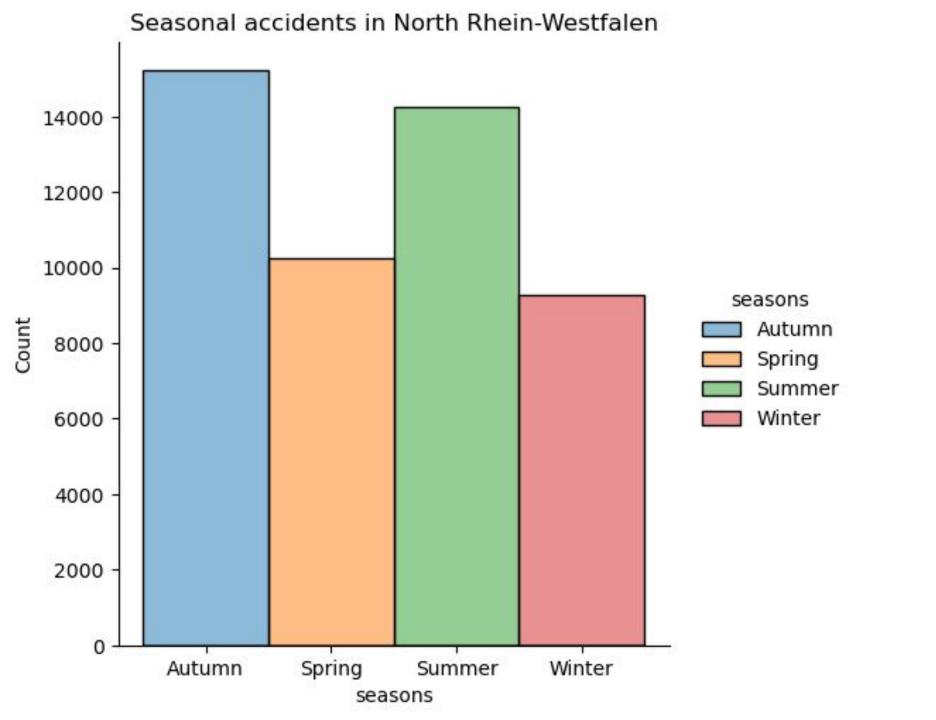


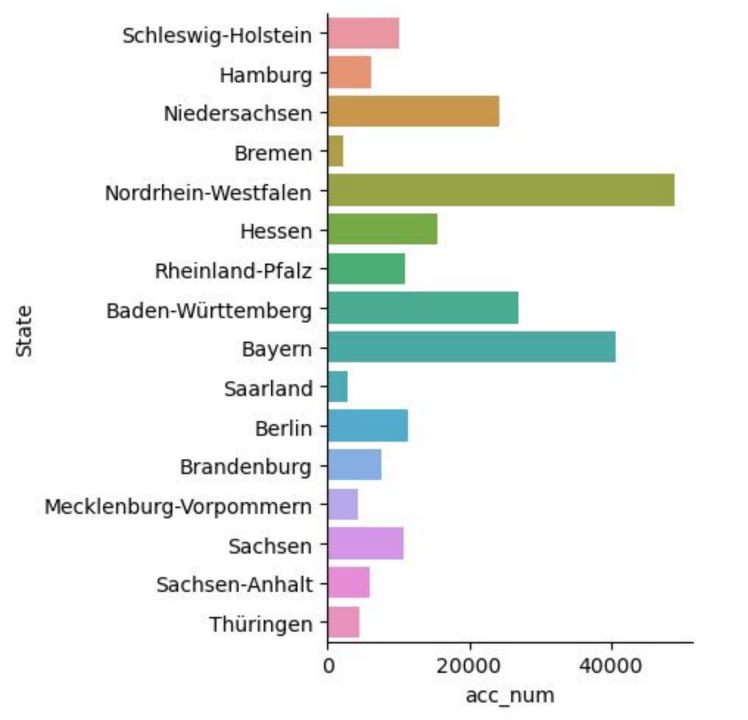
CONCLUSIONS

- 1. The greater the population of the state, the greater the amount of road accident happening with exception of Hamburg.
- 2. Death related accidents are ~ 1%, accident related to seriously injured are ~ 19%, accident related to minor injuries account for the rest 80% of the total accident recorded for the Year 2021 in Germany.
- 3. More accidents occur in the last six Months of the Year compare to the first six Months of the Year
- 4. Road user should be more careful while driving during Autumn and Summer since it's when the higher number of accident were recorded.
- 5. Road user on Friday, Saturday and Sunday especially at 22 o' Clock should be very very cautious because most accident with seriously injured and Death occur during this period.

Thanks for your attention!!!







Bundesland	Population
01 = Schleswig-Holstein	2,922,005
02 = Hamburg	1,853,935
03 = Niedersachsen	8,027,031
04 = Bremen	676,463
05 = Nordrhein-Westfalen	17,924,591
06 = Hessen	6,295,017
07 = Rheinland-Pfalz	4,106,485
08 = Baden-Württemberg	11,124,642
09 = Bayern	13,176,989
10 = Saarland	982,348
11 = Berlin	3,677,472
12 = Brandenburg	2,537,868
13 = Mecklenburg-Vorpommern	1,611,160
14 = Sachsen	4,043,002
15 = Sachsen-Anhalt	2,169,253
16 = Thüringen	2,108,863

For Germany

225 deaths in winter356 deaths in Spring445 deaths in Summer463 deaths in Autumn

FOR NRW 63 deaths in winter 55 deaths in Spring 66 deaths in Summer 80 deaths in Autumn