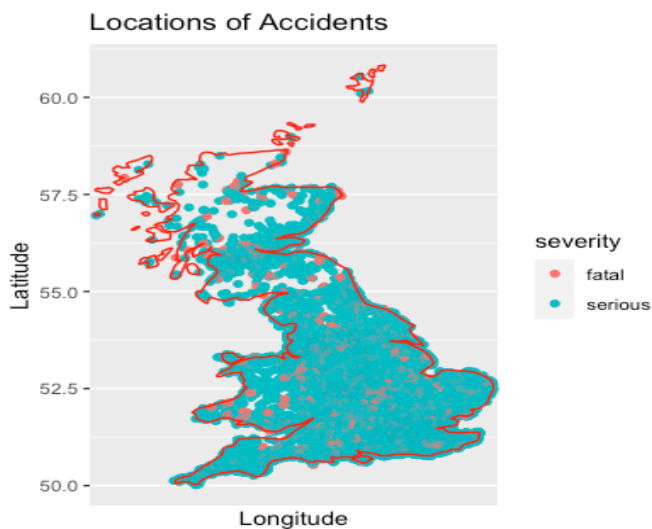


Traffic accidents data analysis poster

General features with numerical values

In 2020, there were a number of accidents that occurred, totaling 91,185. These accidents were classified into three categories: "slight," "serious," and "fatal." Of these accidents, the majority were classified as "slight," with 71,741 incidents falling into this category. There were also 18,353 accidents classified as "serious" and 1,391 classified as "fatal." In total, the number of vehicles involved in these accidents was 167,348, and the number of people who were injured or killed was 115,567. The majority of casualties were reported in urban areas, making up 64.74% of the total. The accident with the greatest number of vehicles involved had 13 vehicles, and the accident with the most casualties had 66,990.

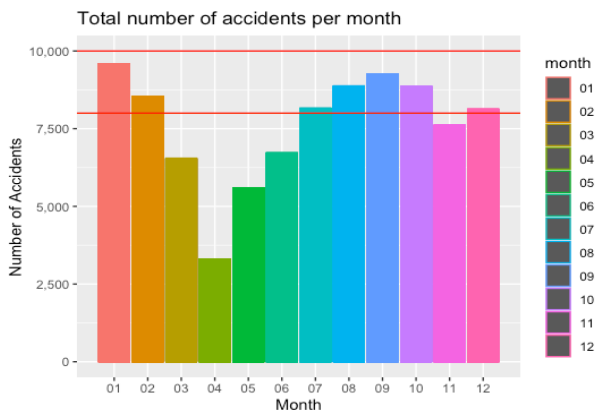


Plot 1 - Locations of Accidents

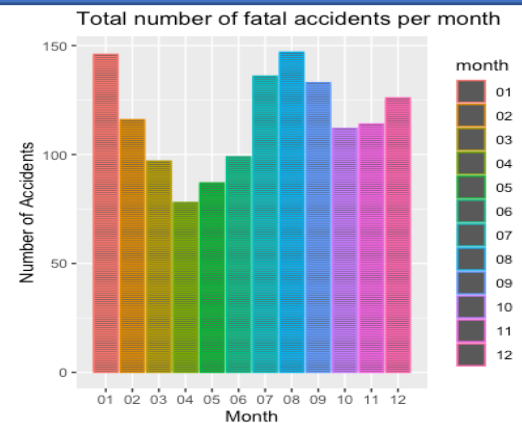
Locations of accidents

The illustration (Figure 1) depicts the locations where accidents with "fatal" and "serious" severity took place. The accidents with "serious" severity are marked in blue, while those with "fatal" severity are marked in red. It appears that most of the accidents happened at latitudes below 55 and to the right of the longitude, and that accidents with "serious" severity were the most common. Additionally, the least number of accidents occurred at latitudes higher than 58. Also, without looking at the numerical values, apparently accidents with "serious" severity are most of the accidents.

Impact of the national lockdowns on car accidents



Plot 2 – Total number of accidents per month



Plot 3 – Total number of fatal accidents per month

The national lockdown in April, May, and June of 2020 significantly reduced the number of car accidents by approximately 4,000. The second lockdown in November did not produce the same results, but the number of accidents still decreased to below the normal range. It is clear that the number of accidents in April 2020 was much lower than in other months of the year. However, 2.5% of the accidents in April were fatal, whereas only 1.3% of the accidents in May were fatal. Additionally, January 2020 had the highest number of accidents overall, but only 1.5% of these accidents were classified as "fatal." Therefore, April was the most dangerous month to be on the road in 2020.