

# Road accidents in New York

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## 0.1 Road accidents in New York

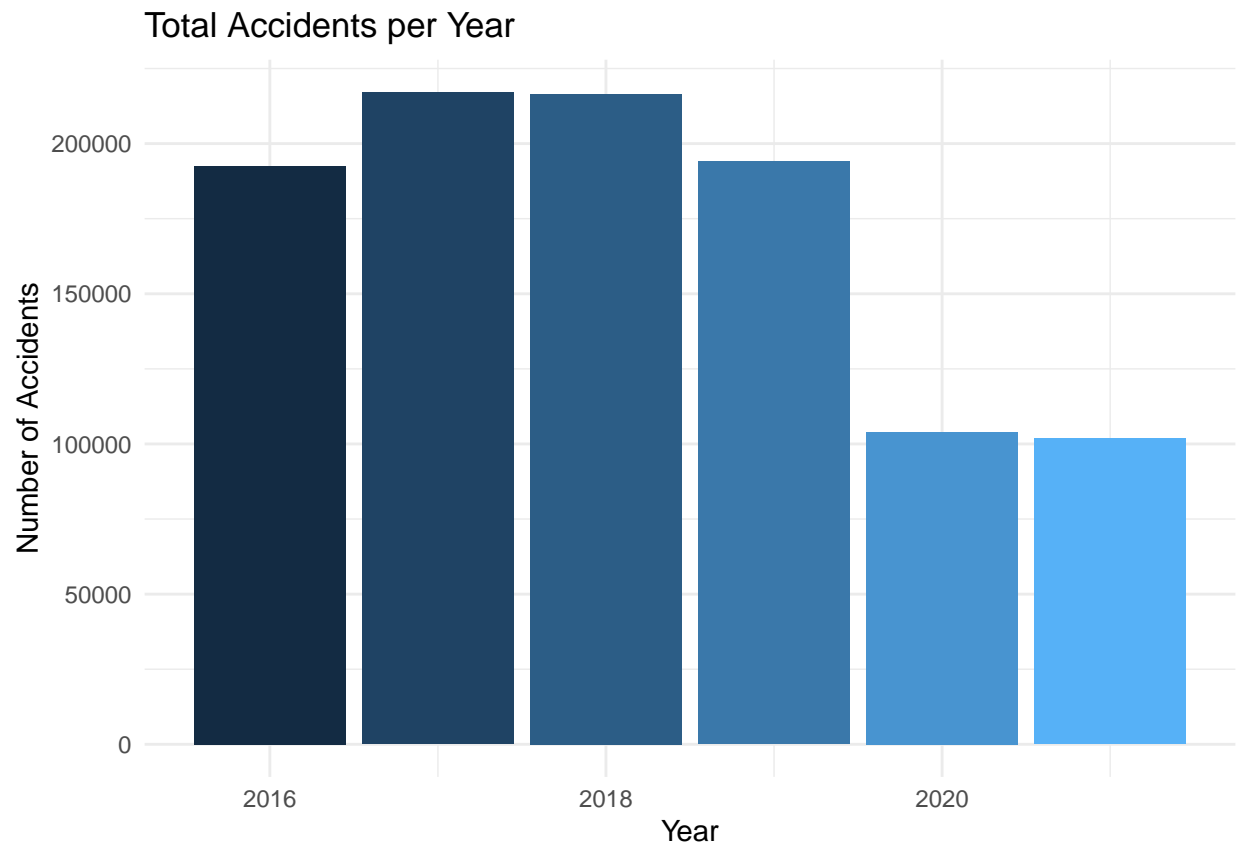
```
# Loading necessary libraries
library(ggplot2)
library(dplyr)

# Load the data from a CSV file
data <- read.csv("data/merged_all_years.csv", header = TRUE)

# Convert the CRASH.DATE into a Date object
data$CRASH.DATE <- as.Date(data$CRASH.DATE, "%d/%m/%Y")

# Aggregating data by Year
yearly_accidents <- data %>%
  group_by(Year) %>%
  summarise(Total_Accidents = n(), .groups = 'drop')

# Plotting the data
ggplot(yearly_accidents, aes(x = Year, y = Total_Accidents, fill = Year)) +
  geom_bar(stat = "identity") + # Set a single color for the bars
  labs(title = "Total Accidents per Year",
        x = "Year",
        y = "Number of Accidents") + theme_minimal() + theme(legend.position = "none")
```



## 0.2 Chapter of Choice (Map (Maybe html/interactive))