

clean_data

2024-01-20

```
cyclists_collisions$DATE <- as.Date(cyclists_collisions$DATE)
cyclists_collisions <- cyclists_collisions %>% arrange(Date)
col_seasons <- cyclists_collisions %>% mutate(MONTH = month(Date), SEASON = case_when(month(Date) %in% c(12, 1, 2, 3) ~ "Winter",
month(Date) %in% c(4, 5, 6) ~ "Spring", month(Date) %in% c(7, 8, 9) ~ "Summer", month(Date) %in% c(10, 11) ~ "Fall"))
cyclists_collisions <- col_seasons

total_accidents <- cyclists_collisions %>% group_by(SEASON) %>% summarise(count=n())

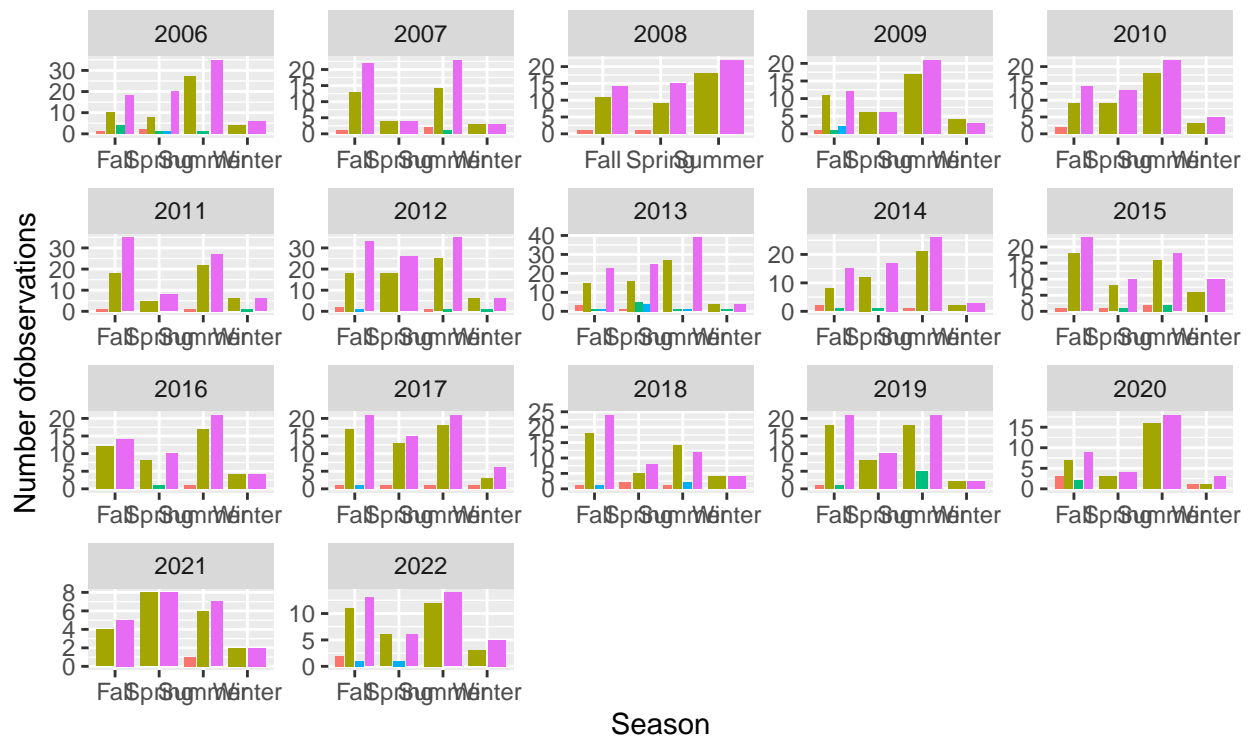
years <- cyclists_collisions %>% group_by(YEAR = format(Date, "%Y"))

kable(total_accidents, booktabs = TRUE, col.names = c("Season", "Count"), caption = 'number of cyclist collisions by season')
```

Table 1: number of cyclist collisions each season

Season	Count
Fall	574
Spring	374
Summer	713
Winter	134

```
level_injury <- data.frame(season= cyclists_collisions$SEASON, injury = cyclists_collisions$INJURY, data)
```



Level of injury Fatal Major Minimal Minor None