Data visualization

```
outbreak %>%
  ggplot(aes(x = episode_week, y = cases, fill = outbreak_or_sporadic)) +
  geom_bar(stat = "identity") +
  theme_minimal() +
  labs(title = "Cases by outbreak type and week in Toronto, Canada",
       subtitle = "Confirmed and probable cases",
       x = "Date", y = "Case count",
       caption = str_c("Created by: Haining Tan for STA303/1002, U of T\n",
                       "Source: Ontario Ministry of Health, ",
                       "Integrated Public Health Information System and CORES\n",
                       date_daily[1,1])) +
  scale_x_date(labels = scales::date_format("%d %b %y"),
               limits = c(date("2020-01-01"), Sys.Date() + 7)) +
  scale_y_continuous(limits = c(0, max(outbreak$total_cases))) +
  theme(legend.title = element_blank(), legend.position = c(.15, .8)) +
  scale_fill_manual(values = c("#86BCB6", "#B9CA5D"))
```