## Data visualization

```
reported %>%
  ggplot()+
  geom_bar(aes(x = reported_date, y = count, fill = type), stat = "identity")+
  labs(title = 'Cases reported by day in Toronto, Canada',
       subtitle = 'Confirmed and probable cases',
       x = 'Date',
       y = 'Case count',
       caption = str_c('Created by: Chen Zhang for STA303/1002, U of T\n',
                       'Source: Ontario Ministry of Health,',
                       ' Integrated Public Health Information System and CORES\n',
                       date_daily[1,1]))+
  theme_minimal() +
  theme(legend.title = element_blank(), legend.position = c(0.15, 0.8))+
  scale_y_continuous(limits = c(0, 2000)) +
  scale_x_date(labels = scales::date_format("%d %b %y"), limits = c(date('2020-01-01'),
  Sys.Date())) +
  scale_fill_manual(values = c("#003F5C",  "#86BCB6",  "#B9CA5D"))
```