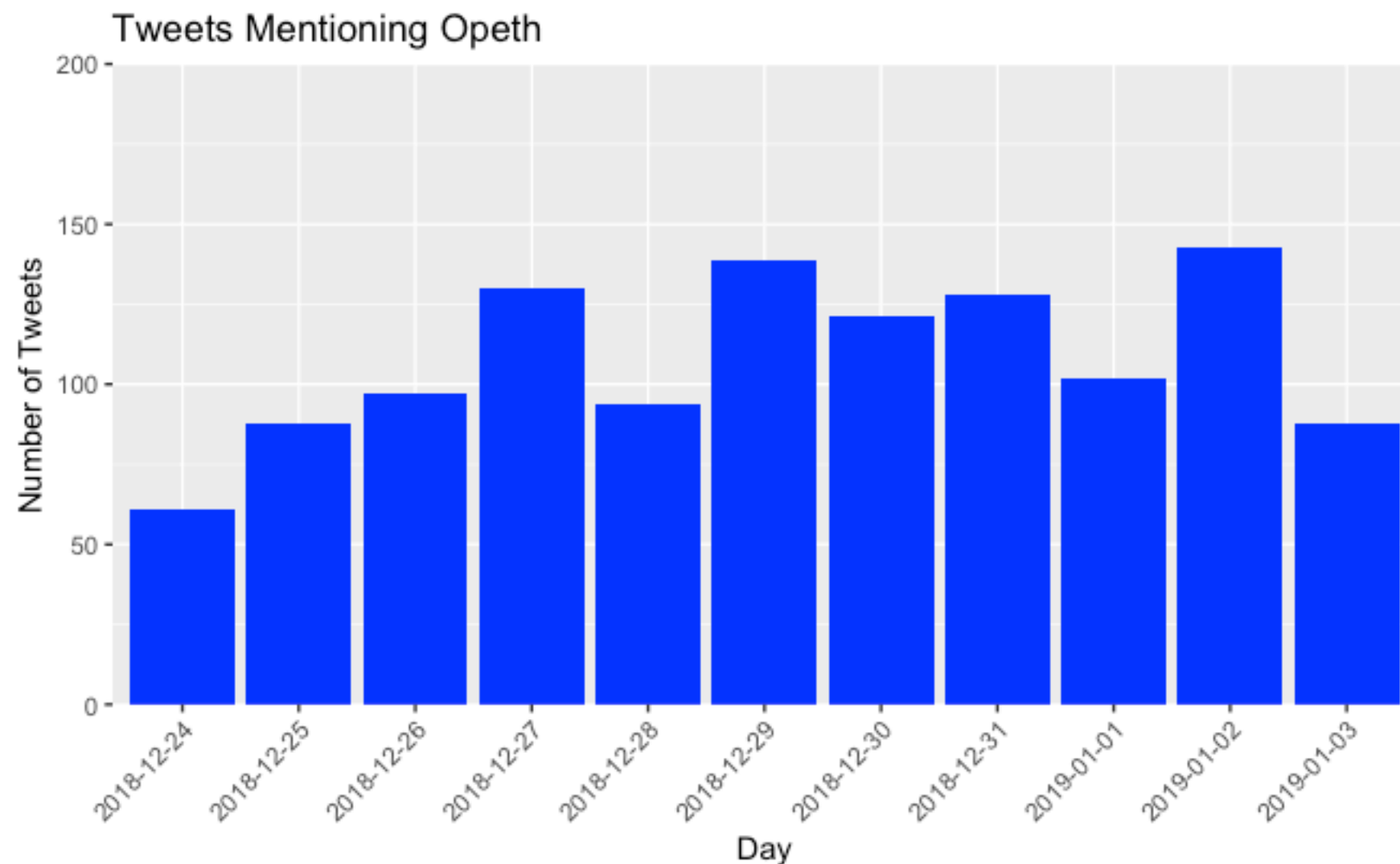


# Searching for mentions of “Opeth”

```
rt <- search_tweets("Opeth", n = 1000, include_rts = FALSE, retryonratelimit = TRUE)
rt1 <- separate(data = rt, col = created_at, into = c("date", "time"), sep = " ")
rt1 <- rt1[!is.na(rt1$date),]
rt1$date <- as.factor(rt1$date)
data <- rt1
```

```
ggplot(data, aes (x = date)) +
  geom_bar(fill = "blue") +
  scale_y_continuous(expand = c(0,0), limits = c(0,200)) +
  labs(x = "Day", y = "Number of Tweets") +
  ggtitle("Tweets Mentioning Opeth") +
  theme(axis.text.x = element_text(angle = 45, hjust = 1))
```



# Geospatial plotting

- Some Tweets have associated with them the latitude and longitude of where they were tweeted from - we can use the `leaflet` package to extract these coordinates and plot the location of tweets with geospatial tagging on a map...

```
library(leaflet)
mymap <- lat_lng(rt)

m <- leaflet(mymap) %>% addTiles()

m %>% addCircles(lng = ~lng, lat =
~lat, weight = 8, radius = 40,
color = "#fb3004", stroke = TRUE,
fillOpacity = 0.8)
```

