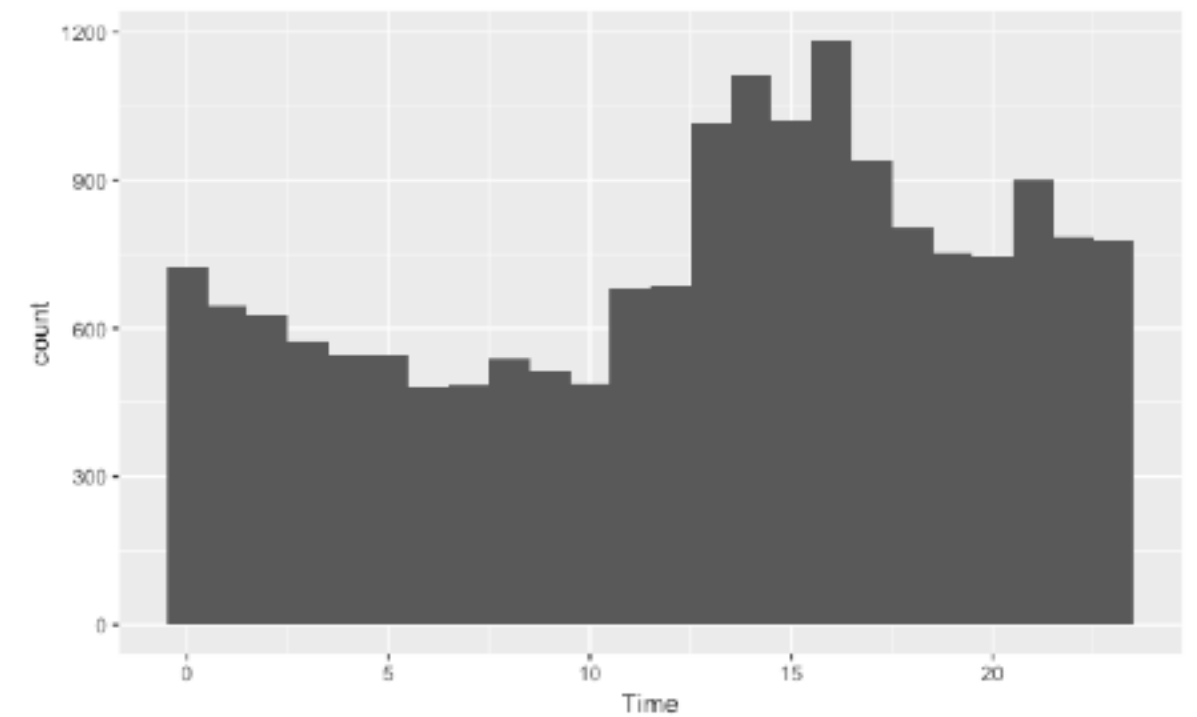


# Visualising Text Data

- We can use the `rtweet` package by Mike Kearney to scrape data from Twitter using the `search_tweets()` function. In this case I'm scraping Twitter for mentions of the word 'suicide' in Tweets, extracting the time the Tweet was created and then plotting on a histogram.

```
tweets <- search_tweets(q = "suicide", n =  
1000, include_rts = FALSE, retryonratelimit =  
TRUE)  
  
time <- tibble(Time = hour(tweets$created_at))  
  
time %>%  
  filter(!is.na(Time)) %>%  
  ggplot(aes(x = Time)) +  
  geom_histogram()
```



- Now I'm using the `tidytext` package to do a sentiment analysis associated with the words in Tweets mentioning 'suicide' created between midnight and 6AM.

