

DSCA 8000:Slide presentation template

Michael W. Kearney

rtweet pkg

```
## stream
rt <- stream_tweets(timeout = 30, verbose = FALSE)
## plot
mutate(rt, eng = ifelse(lang == "en" & !is.na(lang),
                        "English", "Non-English")) %>%
  group_by(eng) %>%
  ts_data("5 secs") %>%
  group_by(eng) %>%
  trimts(1, 1) %>%
  ggplot(aes(x = time, y = n)) +
  geom_smooth(method = "loess", aes(group = eng), colour = "#aa00cc", alpha = .3) +
  geom_point(aes(fill = eng), shape = 21, size = 3.5, alpha = .7) +
  labs(title = "Filtering Twitter's stream API using stop words",
       subtitle = "Tweets collected and aggregated in 10 second
                  intervals in R using rtweet") +
  ggthemes::theme_fivethirtyeight(base_size = 18) +
  theme(legend.title = element_blank()) +
  scale_color_manual(values = c("#5577fa", "#df6666")) +
  scale_fill_manual(values = c("#5577fa", "#df6666"))
```

R code example

```
10 + 10

## [1] 20

foo <- function(n) {
  data.frame(
    var1 = rnorm(n),
    var2 = rnorm(n)
  )
}
```

```
df <- foo(10)
print(df)
```

##		var1	var2
## 1		0.43225	-0.150125
## 2		1.40051	0.287400
## 3		0.21360	-0.816828
## 4		2.09123	0.225610
## 5		0.56325	1.161580
## 6		0.53642	-1.284858
## 7		0.36809	0.258306
## 8		0.24627	0.099335
## 9		-0.25374	-0.510551
## 10		1.09260	0.784540

— .transition

Diversity

Diversity

** Exposure to diversity higher than ever** - Travel - Technology - Trade - Television

— .transition

That's all!