

Q2

David

2019-03-11

```
library(knitr)
library(twitter)
consumer_key = "dOLrbYfXjbDo7f7IZ3MFFDF4E"
consumer_secret = "GKbWkDANMboESv0YwvSSZKWivvbiyEzhzZxroDIODYlthrK0Gz"
access_token = "1050995496381120513-8E1z4xtsUYmNTjTRZCRLN4WYMkJjyZ"
access_secret = "bAGtoWn9wR0EUKPybvr7yhK0FFaFJNRviV2LINV06pgRp"
setup_twitter_oauth(consumer_key, consumer_secret,
access_token, access_secret)
```

```
## [1] "Using direct authentication"
```

a.

```
tz=OlsonNames()
tz[grep("Montreal",tz)]
```

```
## [1] "America/Montreal"
```

```
tz[grep("Tokyo",tz)]
```

```
## [1] "Asia/Tokyo"
```

```
tz[grep("Dubai",tz)]
```

```
## [1] "Asia/Dubai"
```

b.

```
user=getUser("theJagmeetSingh")
user$location
```

```
## [1] "Canada"
```

c.

```
JS = userTimeline("theJagmeetSingh", n=3200, includeRts = TRUE)
JS = twListToDF(JS)
time=JS$created
time=as.POSIXct(as.integer(time), origin = "1970-01-01", tz = "US/Pacific")
head(time)
```

```
## [1] "2019-03-11 15:08:55 PDT" "2019-03-11 12:43:44 PDT"
## [3] "2019-03-11 12:43:44 PDT" "2019-03-11 12:43:43 PDT"
## [5] "2019-03-11 12:43:39 PDT" "2019-03-11 12:43:39 PDT"
```