

R Notebook

OCF

```
source("~/boc/ocf_session_data_analysis/session_process.R")
```

```
## Loading tidyverse: ggplot2
## Loading tidyverse: tibble
## Loading tidyverse: tidyr
## Loading tidyverse: readr
## Loading tidyverse: purrr
## Loading tidyverse: dplyr

## Conflicts with tidy packages -----

## filter(): dplyr, stats
## lag():    dplyr, stats

##
## Attaching package: 'lubridate'

## The following object is masked from 'package:base':
##
##     date

## Parsed with column specification:
## cols(
##   id = col_integer(),
##   host = col_character(),
##   start = col_datetime(format = ""),
##   end = col_datetime(format = ""),
##   duration = col_character()
## )

## Warning in rbind(names(probs), probs_f): number of columns of result is not
## a multiple of vector length (arg 1)

## Warning: 16 parsing failures.
## row # A tibble: 5 x 5 col      row  col   expected actual expected  <int> <chr>      <chr>  <chr> a
## ... .....
## See problems(...) for more details.

## Parsed with column specification:
## cols(
##   id = col_integer(),
##   host = col_character(),
##   user = col_character(),
##   start = col_datetime(format = ""),
##   end = col_datetime(format = ""),
##   last.update = col_datetime(format = ""),
##   duration = col_character()
## )

## Warning in rbind(names(probs), probs_f): number of columns of result is not
## a multiple of vector length (arg 1)
```

```

## Warning: 9 parsing failures.
## row # A tibble: 5 x 5 col      row    col    expected actual expected  <int> <chr>      <chr>  <chr> a
## ... .....
## See problems(...) for more details.

not.s.sessions <- not.s.sessions %>%
  mutate(date = date(start)) %>%
  mutate(hour = hour(start)) %>%
  mutate(date.hour = paste(date, hour)) %>%
  mutate(weekday = weekdays(date))

count.hour <- not.s.sessions %>% count(date, hour, weekday)

begin <- as.POSIXct("2017-08-23 00:00:00", tz="UTC")
end <- as.POSIXct("2017-10-06 00:00:00", tz="UTC")
times <- data.frame(hour = seq(begin, end, by="hour"))

```