```r
library(ggplot2)

library(ggthemes)

library(lubridate)

library(dplyr)

library(tidyr)

library(DT)

library(scales)


dataset_of_2014=read.csv('C:/Users/Downloads/uber.csv')


dataset_of_2014$Date.Time <- as.POSIXct(dataset_of_2014$Date.Time, format = "%m/%d/%Y %H:%M:%S")

dataset_of_2014$Time <- format(as.POSIXct(dataset_of_2014$Date.Time, format = "%m/%d/%Y %H:%M:%S"), format="%H:%M:%S")



dataset_of_2014$Date.Time <- ymd_hms(dataset_of_2014$Date.Time)

dataset_of_2014$day <- factor(day(dataset_of_2014$Date.Time))

dataset_of_2014$month <- factor(month(dataset_of_2014$Date.Time, label = TRUE))

dataset_of_2014$year <- factor(year(dataset_of_2014$Date.Time))

dataset_of_2014$dayofweek <- factor(wday(dataset_of_2014$Date.Time, label = TRUE))



dataset_of_2014$hour <- factor(hour(hms(dataset_of_2014$Time)))

dataset_of_2014$minute <- factor(minute(hms(dataset_of_2014$Time)))

dataset_of_2014$second <- factor(second(hms(dataset_of_2014$Time)))
```

```r
hour_data <- dataset_of_2014 %>%

  group_by(hour) %>%

  dplyr::summarize(Total = n())

datatable(hour_data)



ggplot(hour_data, aes(hour, Total)) +

  geom_bar( stat = "identity", fill = "steelblue", color = "red") +

  ggtitle("Trips Every Hour") +

  theme(legend.position = "none") +

  scale_y_continuous(labels = comma)


month_hour <- dataset_of_2014 %>%

  group_by(month, hour) %>%

  dplyr::summarize(Total = n())


ggplot(month_hour, aes(hour, Total, fill = month)) +

  geom_bar( stat = "identity") +

  ggtitle("Trips by Hour and Month") +

  scale_y_continuous(labels = comma)



day_group <- dataset_of_2014 %>%

  group_by(day) %>%

  dplyr::summarize(Total = n())

datatable(day_group)


ggplot(day_group, aes(day, Total)) +

  geom_bar( stat = "identity", fill = "steelblue") +
```

```r
ggtitle("Trips Every Day") +

theme(legend.position = "none") +

scale_y_continuous(labels = comma)
```