final

Sagar

2024-06-05

R Markdown

Colnames

```
counts <- read.csv("C://Users/Sagar Brahmbhatt/Desktop/ML/avg_ride_length.csv")
colnames(counts)
```

```
## [1] "X"                          "all_trips_v2.member_casual"
## [3] "all_trips_v2.day_of_week"   "all_trips_v2.ride_length"
```

R Markdown

str

```
## 'data.frame':    14 obs. of  4 variables:
##  $ X                          : int  1 2 3 4 5 6 7 8 9 10 ...
##  $ all_trips_v2.member_casual: chr  "casual" "member" "casual" "member" ...
##  $ all_trips_v2.day_of_week  : chr  "Sunday" "Sunday" "Monday" "Monday" ...
##  $ all_trips_v2.ride_length  : num  983709 45736 485311 53084 758923 ...
```

R Markdown

nrow

```
## [1] 14
```

R Markdown

dim

```
## [1] 14  4
```

R Markdown

head

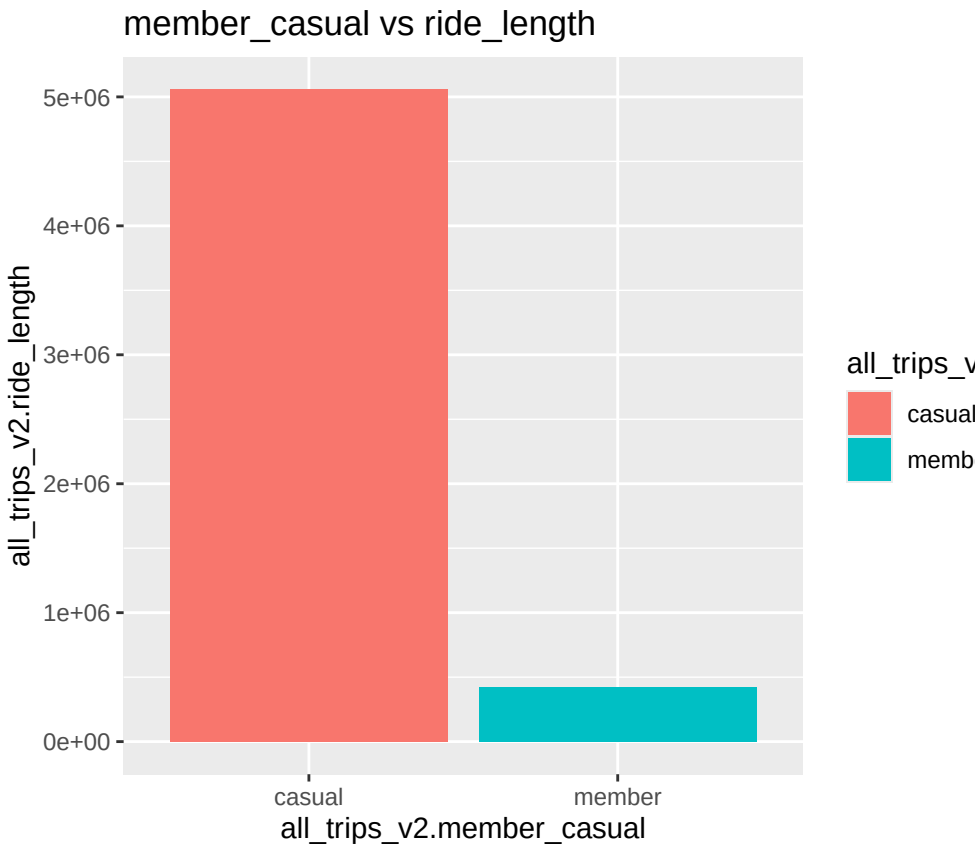
```
##   X all_trips_v2.member_casual all_trips_v2.day_of_week
## 1 1                     casual                   Sunday
## 2 2                     member                   Sunday
## 3 3                     casual                   Monday
## 4 4                     member                   Monday
## 5 5                     casual                  Tuesday
## 6 6                     member                  Tuesday
##   all_trips_v2.ride_length
## 1                983708.54
## 2                 45735.78
## 3                485311.28
## 4                 53084.27
## 5                758923.40
## 6                 56182.94
```

R Markdown

summary

```
##        X         all_trips_v2.member_casual all_trips_v2.day_of_week
##  Min.   : 1.00   Length:14                  Length:14
##  1st Qu.: 4.25   Class :character           Class :character
##  Median : 7.50   Mode  :character           Mode  :character
##  Mean   : 7.50
##  3rd Qu.:10.75
##  Max.   :14.00
##  all_trips_v2.ride_length
##  Min.   : 45736
##  1st Qu.: 56128
##  Median :284485
##  Mean   :391073
##  3rd Qu.:727300
##  Max.   :983709
```

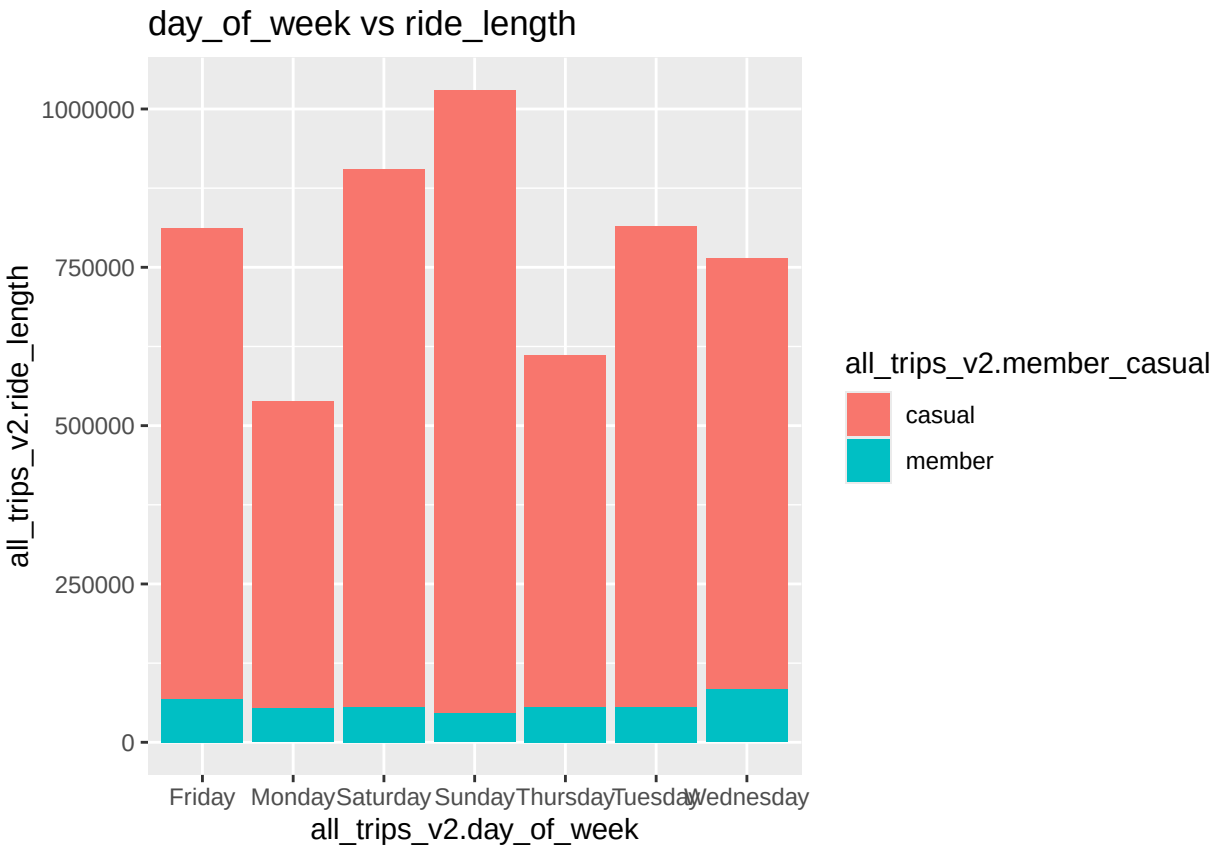
R Markdown



Visualize number of ride and ride length

R Markdown

Visualize day of week and ride length


day_of_week vs ride_length
1000000
750000
500000
250000
0
all_trips_v2.ride_length
Friday
Monday
Saturday
Sunday
Thursday
Tuesday
Wednesday
all_trips_v2.day_of_week
all_trips_v2.member_casual
casual
member