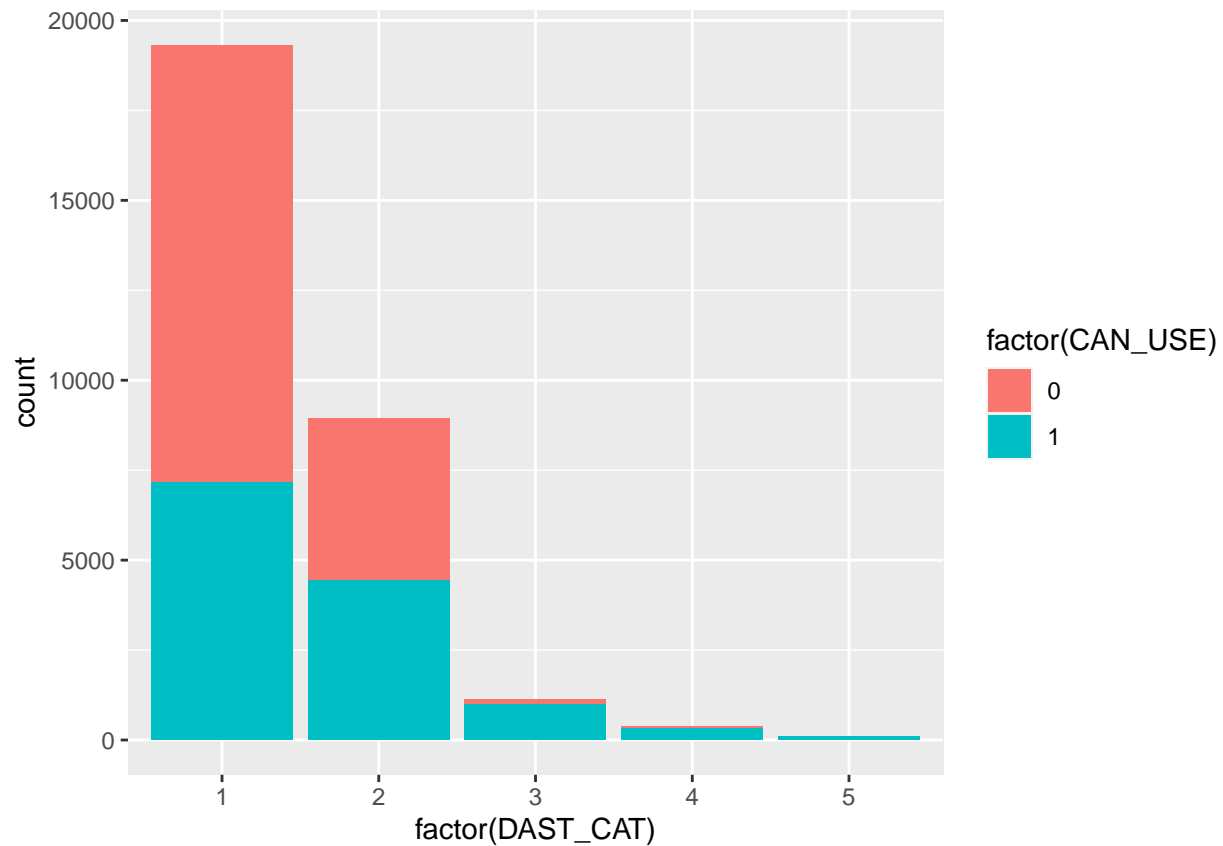# MODEL

Allison Shi

'r Sys.Date()

```r
library(tidyverse)
library(knitr)
library(broom)
library(nnet) # for multinomial logistic regression

us_19 <- read_csv('~/df_data/US/us_19.csv')
#glimpse(us_19)
```

EDA

CAN_USE =

```r
ggplot(data = us_19, aes(x = factor(DAST_CAT), fill = factor(CAN_USE))) +
  geom_bar()
```

```
us_19 %>%
  count(CAN_USE, DAST_CAT)
```

```
## # A tibble: 10 x 3
##    CAN_USE DAST_CAT     n
##      <dbl>    <dbl> <int>
##  1       0        1 12146
##  2       0        2  4522
##  3       0        3   161
##  4       0        4    40
##  5       0        5     7
##  6       1        1  7167
##  7       1        2  4430
##  8       1        3   974
##  9       1        4   329
## 10       1        5    97
```