

DataFest Project

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INSERT DATE

```
library(tidyverse)
library(broom)
library(knitr)
library(yardstick)
```

```
ca <- read_csv("data/CA/ca.csv")
de <- read_csv("data/DE/de.csv")
uk <- read_csv("data/UK/uk.csv")
uk_pc <- read_csv("data/UK/postalcodes.csv")
us18 <- read_csv("data/US/us_18.csv")
us19 <- read_csv("data/US/us_19.csv")
```

Is there a relationship between different mental illnesses and the use of certain drugs?

```
#ggplot(us18) +
#   geom_bar(aes(x = MENT_ANX, y = THC_NMU), stat="count")
```

```
us18 %>%
  drop_na(MENT_ANX, THC_NMU) %>%
  count(MENT_ANX, THC_NMU)
```

```
## # A tibble: 4 x 3
##   MENT_ANX THC_NMU     n
##   <dbl>    <dbl> <int>
## 1      0      0   336
## 2      0      1   364
## 3      1      0   276
## 4      1      1   380
```