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title: "Dashboard"

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output: html\_document

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```{r setup, include=FALSE}

library(tidyverse)

library(p8105.datasets)

data("ny\_noaa")

library(plotly)

```

```{r}

# tidy data set, from HW3

ny\_noaa\_tidy =

ny\_noaa %>%

separate(date, into = c("year", "mon", "day")) %>%

mutate(

prcp = prcp / 100,

snow = snow / 10,

snwd = snwd /10,

tmax = as.numeric(tmax),

tmin = as.numeric(tmin),

tmax = tmax / 10,

tmin = tmin / 10,

mon = as.integer(mon)

)

```

```{r}

ny\_noaa\_tidy %>%

group\_by(mon) %>%

summarize(mean\_prcp = mean(prcp)) %>%

plot\_ly(

x = ~mon, y = ~mean\_prcp, color = ~mon, type = "bar", colors = "viridis"

)

```