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October 17, 2017

Set-Up

Download the Kaggle data set found here (https://www.kaggle.com/rtatman/us-candy-production-by-month/data). The data is daily United States candy production as a percentage of 2012 production. Read this data into R.

You will need dplyr, ggplot2, stringr, and lubridate.

Problem 1

Look at the first plot in the dashboard found here (https://bendazz.github.io/grad-sol/). It is a time series plot indicating the candy production for every day in the data set. Reproduce this plot.

Problem 2

Look at the second plot in the dashboard found here (https://bendazz.github.io/grad-sol/). It is a time series plot for only the days in 1990. Reproduce this plot, being sure to have each month labeled as shown.

Hint: "%b"

Problem 3

Look at the third plot in the dashboard found here (https://bendazz.github.io/grad-sol/). It is a bar plot comparing the average candy production for the 1980's, 1990's, and 2000's (2000-2009). Reproduce this plot as it is shown.

Hint:

```
str_sub("1980-01-01",3,3)
```

```
## [1] "8"
```

Hint:

```
paste("8","0's",sep='')
```

```
## [1] "80's"
```

Hint:

```
standing<-c("junior","freshman","sophomore")
standing<-factor(standing,levels=c("freshman","sophomore","junior"))
levels(standing)</pre>
```

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```
## [1] "freshman" "sophomore" "junior"
```

Submission

Make a dashboard out of the three plots.

Use this link (https://www.dropbox.com/request/GXoc7m8z3FlJsrz7dGeV) to submit your dashboard Rmd file.