

## Exercise 2.2: Line and Step Charts

Scott Breitbach

12/27/2021

### Plots Using R

```
knitr::opts_chunk$set(echo = TRUE)

# Set Working Directory
setwd("C:/Users/micha/OneDrive/Documents/GitHub/DSC640/Weeks3-4/")

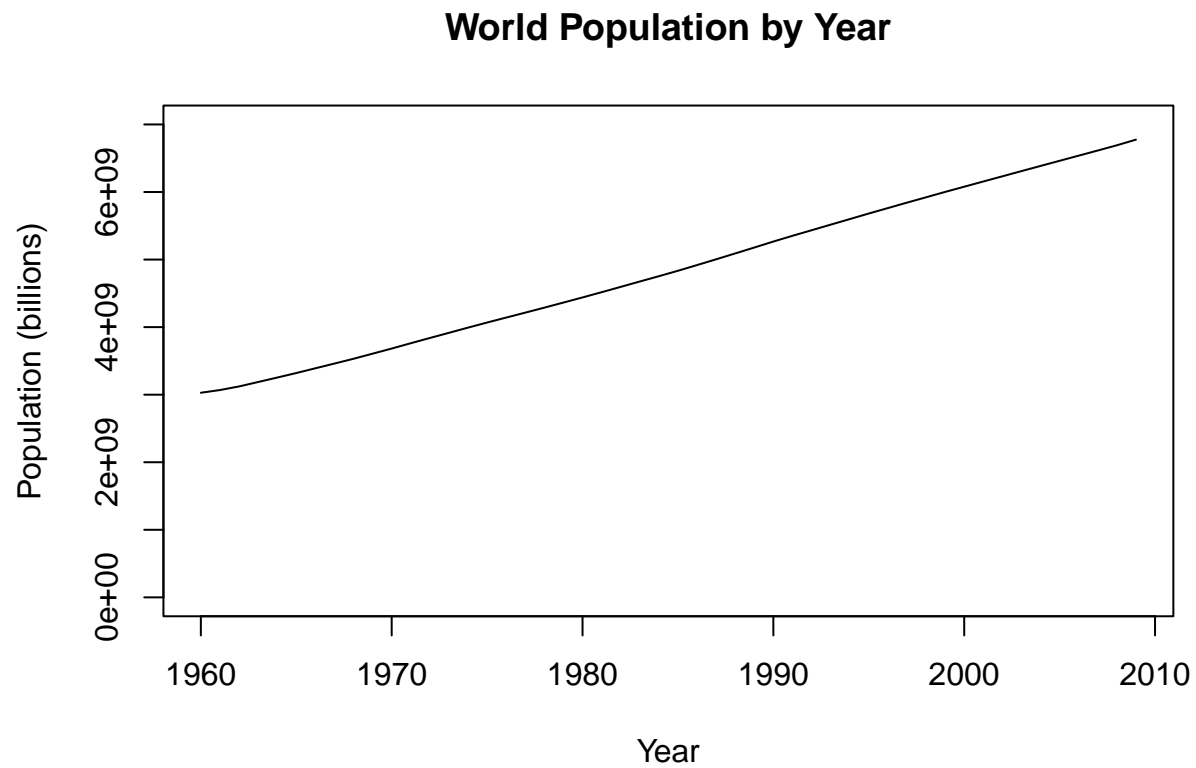
# Load libraries
library('readxl')
```

### Load Data

```
# Load Data
popDF <- read_excel("world-population.xlsm")
```

## Line Chart

```
# Plot a line chart  
plot(popDF$Year, popDF$Population, type = 'l', ylim = c(0, 7e9),  
      xlab = 'Year', ylab = 'Population (billions)',  
      main = "World Population by Year")
```



## Step Chart

```
# Plot a step chart  
plot(popDF$Year, popDF$Population, type = 's', ylim = c(0, 7e9),  
      xlab = 'Year', ylab = 'Population (billions)',  
      main = "World Population by Year")
```

