Week 3 & 4

Code ▾

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```
#load libraries
library(ggplot2)
library(readxl)
```

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```
#import data
data = read_excel("C:\\Users\\longr\\Documents\\DSC 640\\Week 3 & 4\\2.2 Exercises\\world-popula
tion.xlsm")
```
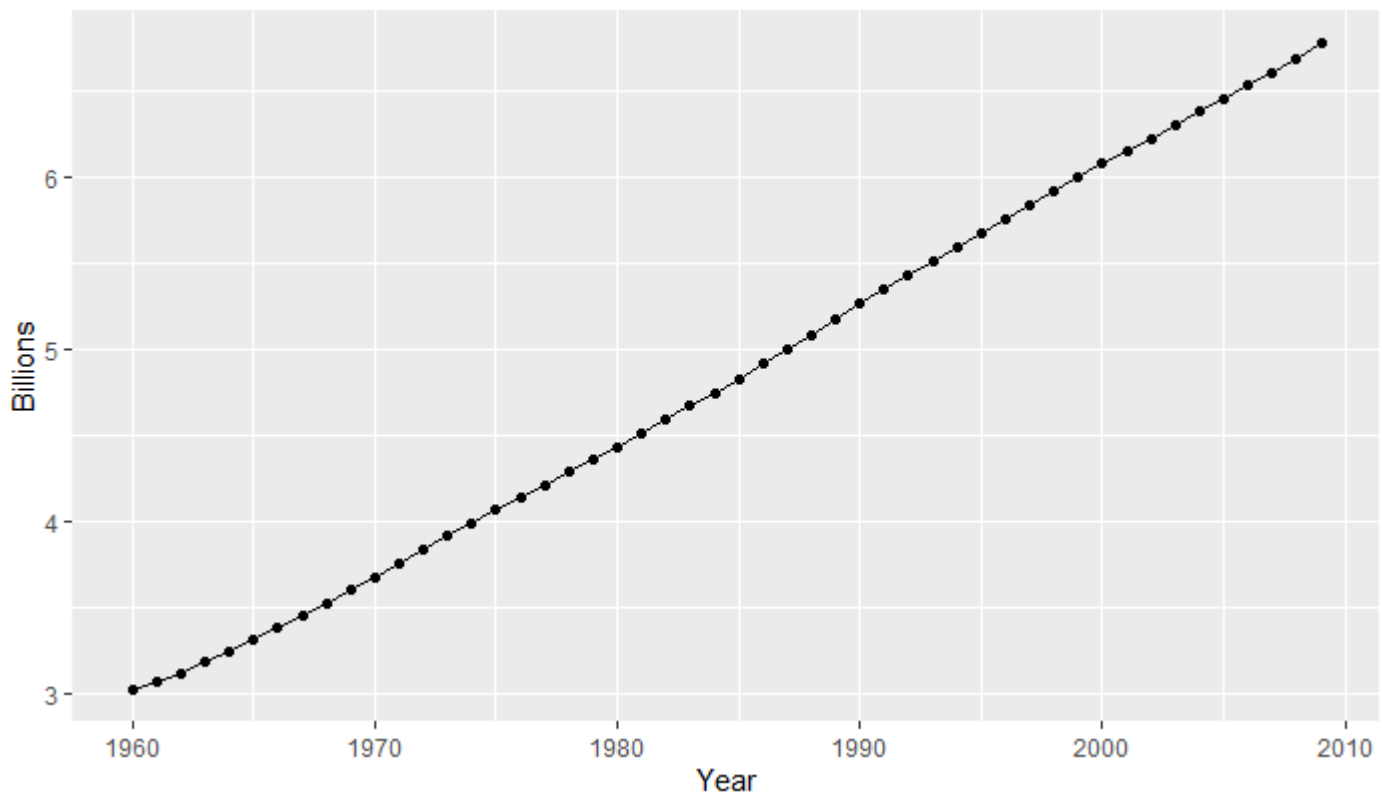
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```
data$PopinB <- round(data$Population/1000000000,2)
```

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```
ggplot(data=data, aes(x=Year, y=PopinB, group=1)) +
  geom_line()+
  geom_point()+
  xlab("Year")+ylab("Billions")+
  ggtitle("R: Line Chart - World Population - 1960-2009")
```


R: Line Chart - World Population - 1960-2009

```
ggplot(data=data, aes(x=Year, y=PopinB, group=1)) +
  geom_step()+
  geom_point()+
  xlab("Year")+ylab("Billions")+
  ggtitle("R: Step Chart - World Population - 1960-2009")
```

R: Step Chart - World Population - 1960-2009