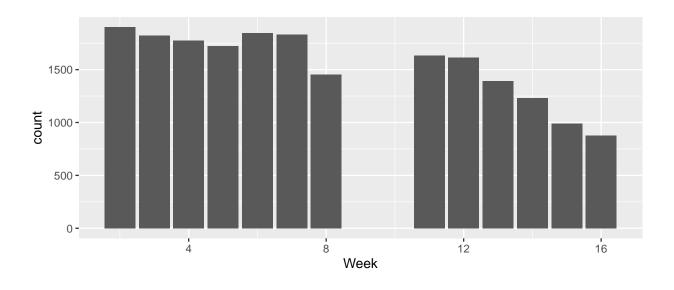
Mental Accounting in College: Students and 'Free Money'

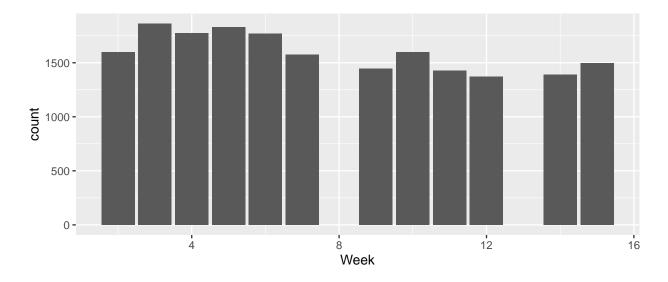
Connor Woods April 2, 2020

Spring Semester Dates Campus Open: 1/20/19, Start: 1/22/19, End: 5/8/19, Campus Closed: 5/20/19 Fall Semester Dates Campus Open: 8/31/19 Start: 9/3/19, End: 12/11/19, Campus Closed: 12/21/19

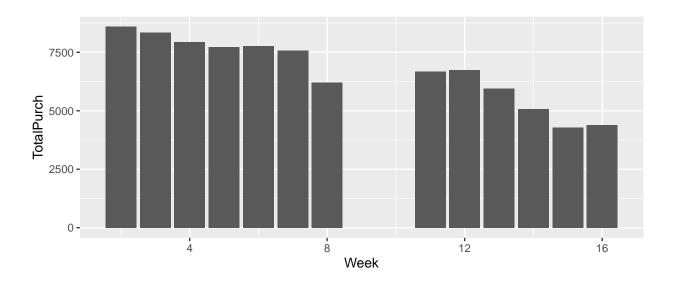
```
flex_data <- read_csv("flex_data.csv")
flex_data <- flex_data %>% mutate(Time = mdy_hm(Time)) %>% mutate(Week = epiweek(Time)) %>% rename(Amount flex_data <- flex_data %>% filter(Time >= '2019-01-20' & Time <= '2019-12-19') %>% filter(Amount Spent)
#Transactions by week
springtrans <- flex_data %>% filter(Time <= '2019-5-19') %>% mutate(Week = Week-3) %>% filter(Week!=1 & falltrans <- flex_data %>% filter(Time >= '2019-9-1') %>% mutate (Week = Week-35) %>% filter(Week!=1 & falltrans <- flex_data %>% filter(Time >= '2019-9-1') %>% mutate (Week = Week-35) %>% filter(Week!=1 & falltrans <- flex_data %>% filter(Time >= '2019-9-1') %>% mutate (Week = Week-35) %>% filter(Week!=1 & falltrans <- flex_data %>% filter(Time >= '2019-9-1') %>% mutate (Week = Week-35) %>% filter(Week!=1 & falltrans <- flex_data %>% filter(Time >= '2019-9-1') %>% mutate (Week = Week-35) %>% filter(Week!=1 & falltrans <- flex_data %>% filter(Time >= '2019-9-1') %>% mutate (Week = Week-35) %>% filter(Week!=1 & falltrans <- flex_data %>% filter(Time >= '2019-9-1') %>% mutate (Week = Week-35) %>% filter(Week!=1 & falltrans <- flex_data %>% filter(Time >= '2019-9-1') %>% mutate (Week = Week-35) %>% filter(Week!=1 & falltrans <- flex_data %>% filter(Time >= '2019-9-1') %>% mutate (Week = Week-35) %>% filter(Week!=1 & falltrans <- flex_data %>% filter(Time >= '2019-9-1') %>% mutate (Week = Week-35) %>% filter(Week!=1 & falltrans <- flex_data %>% filter(Time >= '2019-9-1') %>% mutate (Week = Week-35) %>% filter(Week!=1 & falltrans <- flex_data %>% filter(Time >= '2019-9-1') %>% mutate (Week = Week-35) %>% filter(Week!=1 & falltrans <- flex_data %>% filter(Time <- flex_data %)</pre>
```



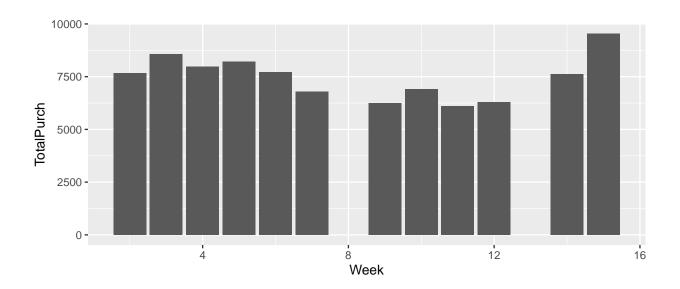
```
ggplot(falltrans) + geom_bar(aes(x=Week))
```



#Purchases by week springpurch <- springtrans %>% group_by(Week) %>% summarize(TotalPurch = sum(AmountSpent)) fallpurch <- falltrans %>% group_by(Week) %>% summarize(TotalPurch = sum(AmountSpent)) ggplot(springpurch) + geom_bar(aes(x=Week, y=TotalPurch), stat='identity')

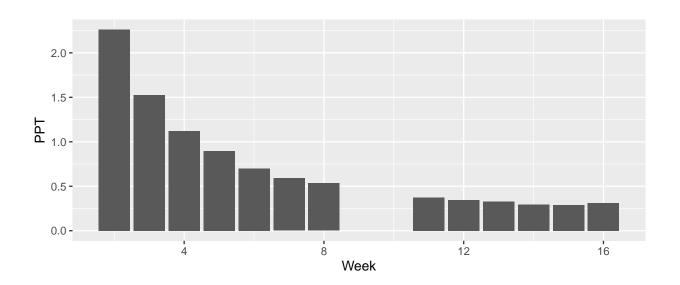


ggplot(fallpurch) + geom_bar(aes(x=Week, y=TotalPurch), stat='identity')

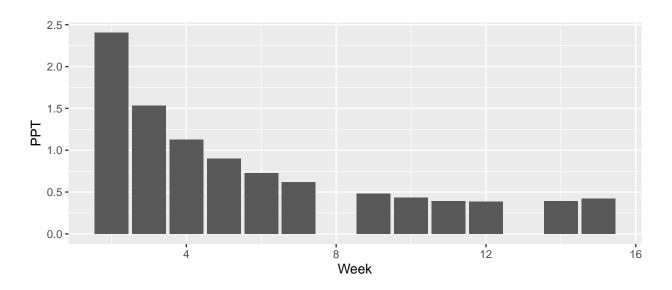


#Amount Spent Per Transaction

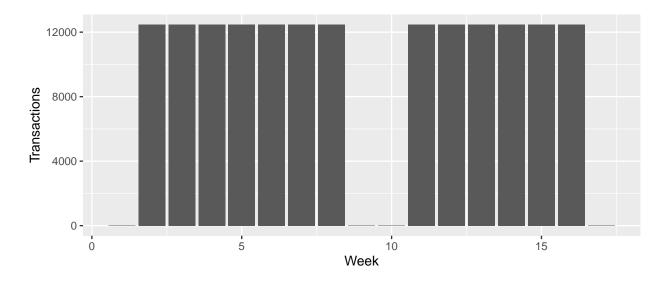
springppt <- springtrans %>% group_by(Week) %>% summarize(TotalTrans = sum(as.double(Week)), TotalPurch
fallppt <- falltrans %>% group_by(Week) %>% summarize(TotalTrans = sum(as.double(Week)), TotalPurch = s
ggplot(springppt) + geom_bar(aes(x=Week, y=PPT), stat='identity')



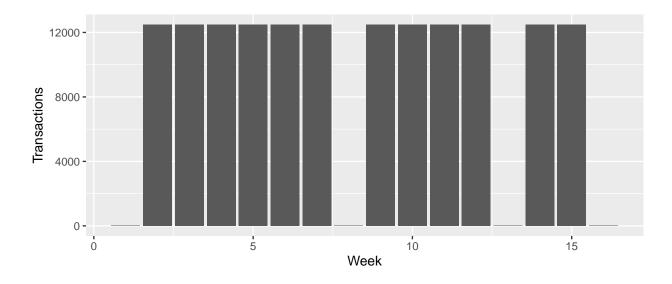
ggplot(fallppt) + geom_bar(aes(x=Week, y=PPT), stat='identity')



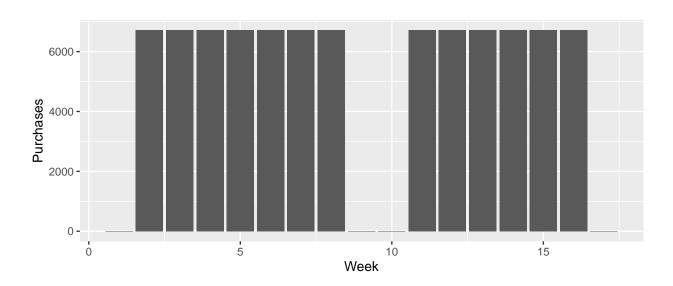
```
#Creation of null dataframes
sprnullconsistent <- data.frame("Week"=1:17, "Transactions"= c(0,sum(springppt$TotalTrans)/13,sum(springspringspring)
fallnullconsistent <- data.frame("Week"=1:16, "Transactions"= c(0,sum(fallppt$TotalTrans)/12,sum(fallppt
ggplot(sprnullconsistent) + geom_bar(aes(x=Week, y=Transactions), stat='identity')</pre>
```



ggplot(fallnullconsistent) + geom_bar(aes(x=Week, y=Transactions), stat='identity')



ggplot(sprnullconsistent) + geom_bar(aes(x=Week, y=Purchases), stat='identity')



ggplot(fallnullconsistent) + geom_bar(aes(x=Week, y=Purchases), stat='identity')

