Second Data Set

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```r
library(RCurl)
```

```
## Loading required package: bitops
```

```r
library(dplyr)
```

```
##
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':
##
##     filter, lag

## The following objects are masked from 'package:base':
##
##     intersect, setdiff, setequal, union
```

```r
library(tidyr)
```

```
##
## Attaching package: 'tidyr'

## The following object is masked from 'package:RCurl':
##
##     complete
```

```r
library(useful)
```

```
## Loading required package: ggplot2
```

```r
URL <- getURL("https://raw.githubusercontent.com/DanielBrooks39/IS607/master/Project%202/App%20Download
AppData <- read.csv(text = URL, header = TRUE)
```

```r
tbl_df(AppData)
```

```
## Source: local data frame [24 x 11]
##
##          Store              App.Name   Type Paid.Free Release.Date
##         (fctr)                (fctr) (fctr)    (fctr)       (fctr)
## 1  Apple Store      Candy Crush Saga   Game      Free    4/12/2012
## 2  Apple Store           Fruit Ninja   Game      Free    4/21/2010
## 3  Apple Store           Angry Birds   Game      Free   12/11/2009
```
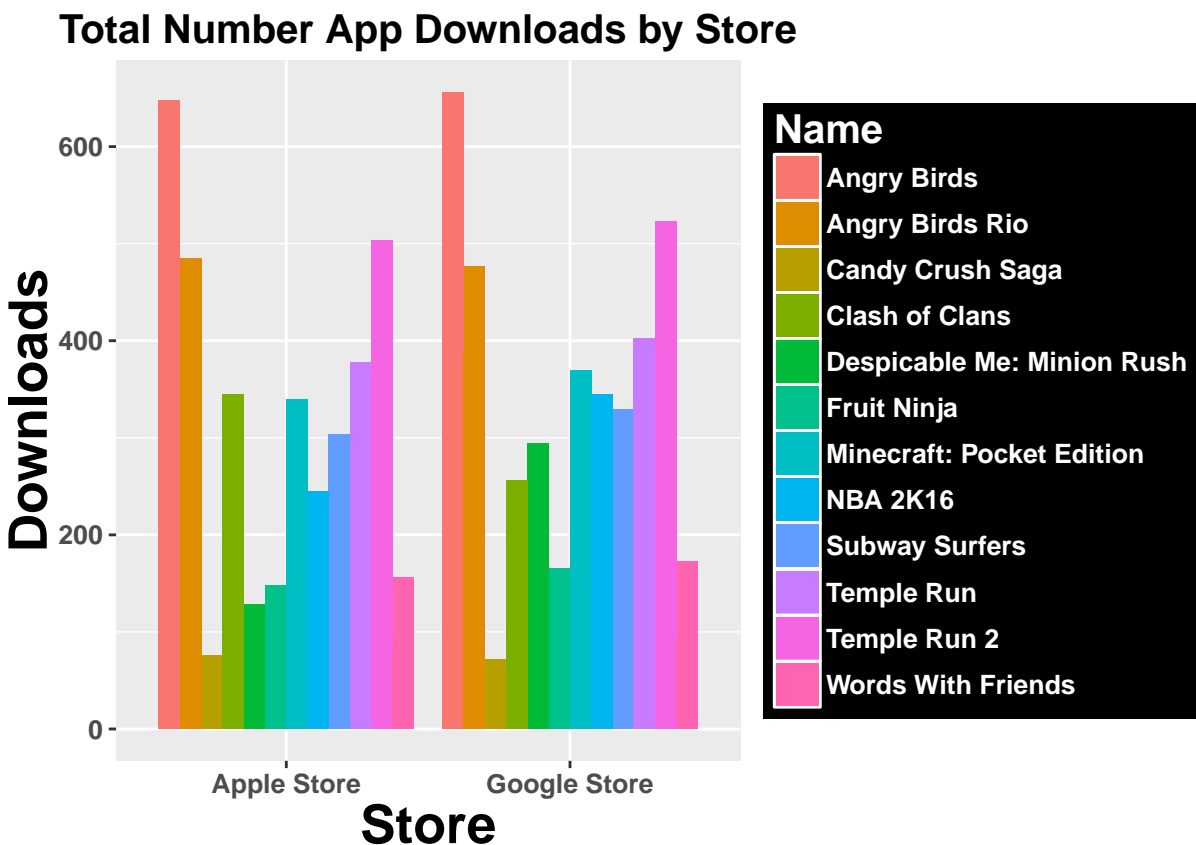
```
## 4  Apple Store             Subway Surfers    Game     Free     5/24/2012
## 5  Apple Store Despicable Me: Minion Rush    Game     Free     6/10/2013
## 6  Apple Store            Clash of Clans     Game     Free      8/2/2012
## 7  Apple Store                Temple Run     Game     Free      8/4/2011
## 8  Apple Store             Angry Birds Rio   Game     Free     3/22/2011
## 9  Apple Store               Temple Run 2    Game     Free     1/16/2013
## 10 Apple Store          Words With Friends   Game     Free      7/9/2016
## ..         ...                        ...     ...      ...          ...
## Variables not shown: X2010 (int), X2011 (int), X2012 (int), X2013 (int),
##   X2014 (int), X2015 (int)
```

```r
names(AppData) <- c("Store", "Name", "Type", "Paid/Free", "Release Date", "2010", "2011", "2012", "2013"
TidyData <- gather(AppData, "Year", "Downloads", 6:11)
```

Bar Graph for total number of Dwnloads by Store

```r
ggplot(TidyData, aes(x=Store, y=Downloads, fill = Name)) + geom_bar(stat = "identity", position ="dodge
```


* This is a bar graph that shows the total times each app was downloaded broken aprat by the APple and Google store.

```r
ggplot(TidyData, aes(x=Store, y=Downloads, fill = Name)) + geom_bar(stat ="identity", position ="dodge"
```

#App Downloads by Store (2010–2015)