

DATA607: Project 1

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Import Libraries

```
library(tidyverse)
```

```
## -- Attaching packages -----  
  
## v ggplot2 3.2.1    v purrr  0.3.3  
## v tibble  2.1.3    v dplyr  0.8.4  
## v tidyr   1.0.2    v stringr 1.4.0  
## v readr   1.3.1    v forcats 0.4.0  
  
## -- Conflicts -----  
## x dplyr::filter() masks stats::filter()  
## x dplyr::lag()    masks stats::lag()
```

```
library(dplyr)  
library(tidyr)  
library(stringr)  
library(stringi)  
library(splitstackshape)  
library(reshape)
```

```
##  
## Attaching package: 'reshape'  
  
## The following object is masked from 'package:dplyr':  
##  
##      rename  
  
## The following objects are masked from 'package:tidyr':  
##  
##      expand, smiths
```

Import Data

```
df <- read.delim("https://raw.githubusercontent.com/jambawilliams/DATA607Project1/master/tournamentinfo.csv")  
head(df)
```

```
##  
## 1 ----- V1  
## 2 Pair | Player Name | Total | Round | Round | Round | Round | Round | Round | Round |
```



```
## [1] 1794 1553 1384 1716 1655 1686
```

Summary Table

```
tournament <- data.frame(names, states, points, ratings)
head(tournament)
```

```
##           names states points ratings
## 1      GARY HUA      ON    6.0    1794
## 2  DAKSHESH DARURI      MI    6.0    1553
## 3    ADITYA BAJAJ      MI    6.0    1384
## 4 PATRICK H SCHILLING      MI    5.5    1716
## 5      HANSHI ZUO      MI    5.5    1655
## 6    HANSEN SONG      OH    5.0    1686
```

Export Table to CSV

```
write.csv(tournament, file = "tournament.csv")
```