

Assignment 5

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```
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
```

```
data<-read.csv("daily_show_guests.csv")
```

```
head(data,10)
```

```
##   YEAR GoogleKnowlege_Occupation   Show   Group Raw_Guest_List
## 1 1999                actor 1/11/99   Acting   Michael J. Fox
## 2 1999                Comedian 1/12/99   Comedy   Sandra Bernhard
## 3 1999      television actress 1/13/99   Acting   Tracey Ullman
## 4 1999                film actress 1/14/99   Acting Gillian Anderson
## 5 1999                actor 1/18/99   Acting David Alan Grier
## 6 1999                actor 1/19/99   Acting William Baldwin
## 7 1999      Singer-lyricist 1/20/99 Musician   Michael Stipe
## 8 1999                model 1/21/99    Media   Carmen Electra
## 9 1999                actor 1/25/99   Acting Matthew Lillard
## 10 1999      stand-up comedian 1/26/99   Comedy    David Cross
```

```
col.names<-c("YEAR","GoogleKnowlege_Occupation","Show","Group","Raw_Guest_List")
colnames(data)<-col.names
head(data)
```

```
##   YEAR GoogleKnowlege_Occupation   Show   Group Raw_Guest_List
## 1 1999                actor 1/11/99   Acting   Michael J. Fox
## 2 1999                Comedian 1/12/99   Comedy   Sandra Bernhard
## 3 1999      television actress 1/13/99   Acting   Tracey Ullman
## 4 1999                film actress 1/14/99   Acting Gillian Anderson
## 5 1999                actor 1/18/99   Acting David Alan Grier
## 6 1999                actor 1/19/99   Acting William Baldwin
```

```
head(select(data,GoogleKnowlege_Occupation,Show,Group,Raw_Guest_List))
```

```
##   GoogleKnowlege_Occupation   Show  Group   Raw_Guest_List
## 1                actor 1/11/99 Acting   Michael J. Fox
## 2                Comedian 1/12/99 Comedy   Sandra Bernhard
## 3      television actress 1/13/99 Acting    Tracey Ullman
## 4                film actress 1/14/99 Acting Gillian Anderson
## 5                actor 1/18/99 Acting David Alan Grier
## 6                actor 1/19/99 Acting   William Baldwin
```

```
report<-select(data,YEAR,Show,Raw_Guest_List)
```

```
head(subset(data,GoogleKnowlege_Occupation == "actor",select = "Raw_Guest_List"),15)
```

```
##       Raw_Guest_List
## 1   Michael J. Fox
## 5 David Alan Grier
## 6   William Baldwin
## 9   Matthew Lillard
## 12  D. L. Hughley
## 21    Greg Proops
## 25 Chris O'Donnell
## 42 Michael Boatman
## 43 David Boreanaz
## 45    Paul Rudd
## 48   Rob Schneider
## 56    Mike Judge
## 57    Dave Foley
## 59 Jerry O'Connell
## 61  Brendan Fraser
```

```
data=head(mutate(data, Show = as.Date(Show, format= "%m/%d/%y")))
```

```
data<-(arrange(data,Show))
```

```
head(data)
```

```
##   YEAR GoogleKnowlege_Occupation   Show  Group   Raw_Guest_List
## 1 1999                actor 1999-01-11 Acting   Michael J. Fox
## 2 1999                Comedian 1999-01-12 Comedy   Sandra Bernhard
## 3 1999      television actress 1999-01-13 Acting    Tracey Ullman
## 4 1999                film actress 1999-01-14 Acting Gillian Anderson
## 5 1999                actor 1999-01-18 Acting David Alan Grier
## 6 1999                actor 1999-01-19 Acting   William Baldwin
```

```
data<-mutate(data,Experience=NA)
```

```
head(data)
```

```
##   YEAR GoogleKnowlege_Occupation   Show  Group   Raw_Guest_List Experience
## 1 1999                actor 1999-01-11 Acting   Michael J. Fox          NA
```

## 2 1999	Comedian	1999-01-12	Comedy	Sandra Bernhard	NA
## 3 1999	television actress	1999-01-13	Acting	Tracey Ullman	NA
## 4 1999	film actress	1999-01-14	Acting	Gillian Anderson	NA
## 5 1999	actor	1999-01-18	Acting	David Alan Grier	NA
## 6 1999	actor	1999-01-19	Acting	William Baldwin	NA