## Assignment 3 Followup

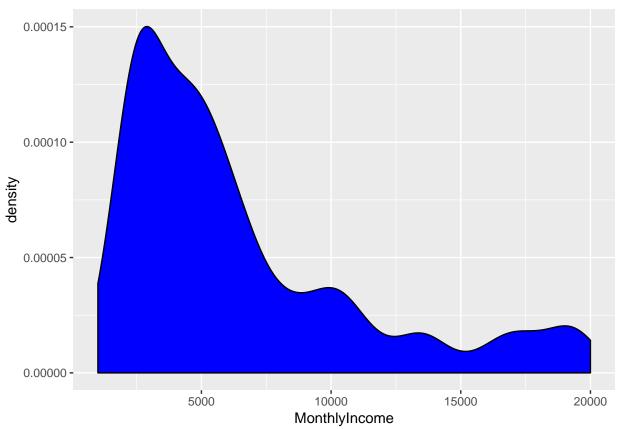
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## Loading Data

```
load("attrition.Rdata")
```

1. Create a graph that shows the distribution of monthly income.

```
gg<-ggplot(at,aes(x=MonthlyIncome))
gg<-gg+geom_density(fill="blue")
gg</pre>
```

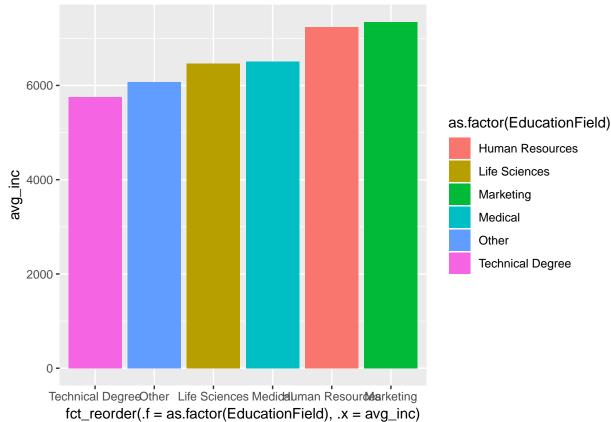


2. Create a graph that shows the average level of monthly income by field of education.

```
at_sum<-at%>%
  group_by(EducationField)%>%
  summarize(avg_inc=mean(MonthlyIncome))
at_sum
```

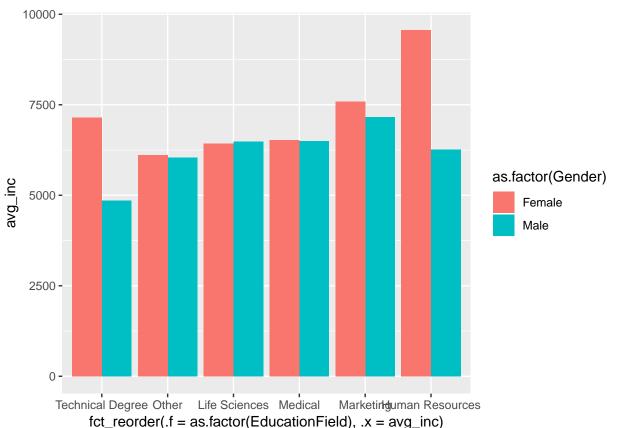
```
## # A tibble: 6 x 2
## EducationField avg_inc
```

```
##
     <chr>>
                         <dbl>
## 1 Human Resources
                         7241.
## 2 Life Sciences
                         6463.
                        7349.
## 3 Marketing
## 4 Medical
                         6510.
## 5 Other
                         6072.
## 6 Technical Degree
                         5758.
gg_education <- ggplot(at_sum, aes(x=fct_reorder(.f=as.factor(EducationField),
                                     .x=avg_inc),
                      y=avg_inc,
                      fill=as.factor(EducationField)))
## Use bar plot geometry, height of bars set by level observed in dataset
gg_education<-gg_education+geom_bar(stat="Identity")
## Print
gg_education
```



3. Create another graph that shows average level of monthly income by field of education and gender.

```
## Use bar plot geometry, height of bars set by level observed in dataset
gg<-gg+geom_bar(stat="Identity",position="dodge")
## Print
gg</pre>
```



4. Create a graph that shows average levels of monthly income by field of education, gender and job level (scale of 1-5, highest ranked employees are

```
5)
```

