Descriptive Analysis of Questionnaire responses – Kanarupan K 209341U

GitHub Link: https://github.com/kanarupank/statistical_inference_presentation

R – code and outputs

```
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Title: "Mobile banking questionnaire responses analysis"
Author: "K. Kanarupan (209341U)"
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## Install packages
install.packages('plyx')
install.packages('gdata')
install.packages('plotrix')
install.packages('data.table')


## Import Libraries
library("data.table")
library(plotrix)
library(plyr)
library(plotrix)
library(gdata)
library(data.table)
library("data.table")


##load data
setwd("D:/kana/statisticalLearning/presentation_code")
data=read.csv("response_data.csv")
```
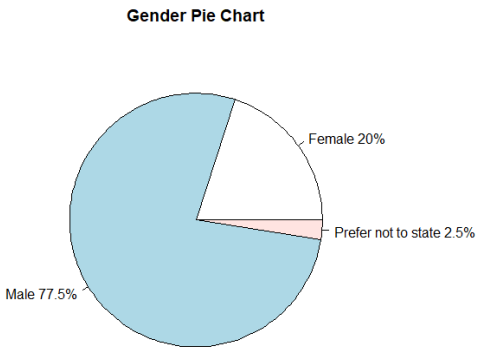
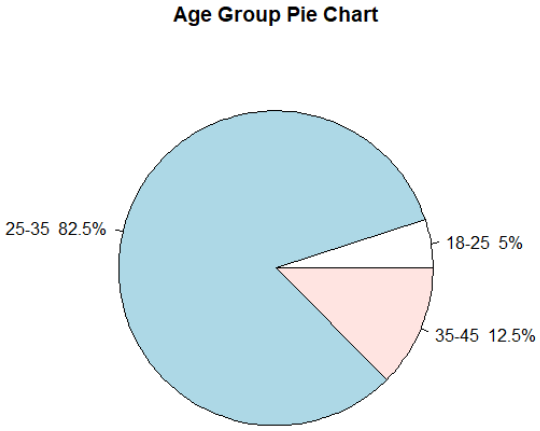

Descriptive Analysis

```
##Gender
gender_count=count(data$Gender)
x=gender_count$freq
gender=gender_count$x
piepercent<- round(100*x/sum(x), 1)
labels_new<-paste(gender,piepercent)
final_labels<-paste(labels_new,'%',sep = "")
pie(x,labels =final_labels , main = "Gender Pie Chart")
```

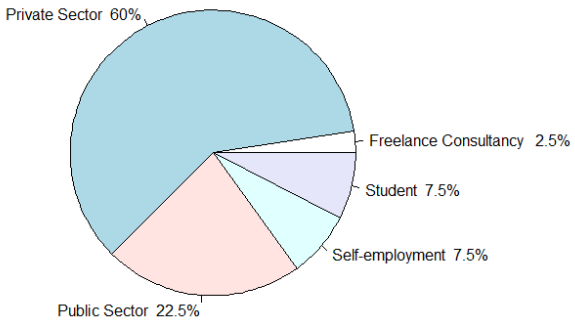



```
##Age Groups
age_count=count(data$Age.Group)
x=age_count$freq
age=age_count$x
piepercent<- round(100*x/sum(x), 1)
labels_new<-paste(age, piepercent,sep="  ")
final_labels<-paste(labels_new,'%',sep = "")
pie(x,labels =final_labels , main = "Age Group Pie Chart")
```



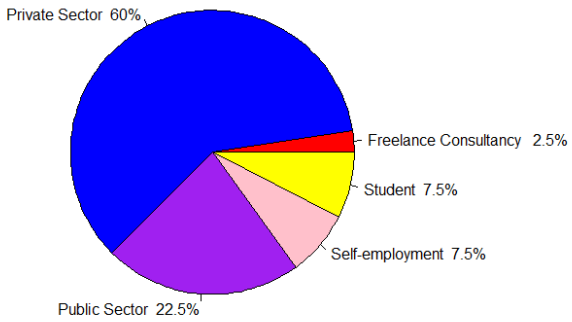

```
##Occupation
occupation_count=count(data$Current.Occupation)
x=occupation_count$freq
occupation=occupation_count$x
piepercent<- round(100*x/sum(x), 1)
labels_new<-paste(occupation, piepercent,sep="  ")
final_labels<-paste(labels_new,'%',sep = "")
pie(x,labels =final_labels, main = "Occupation")
```

Occupation



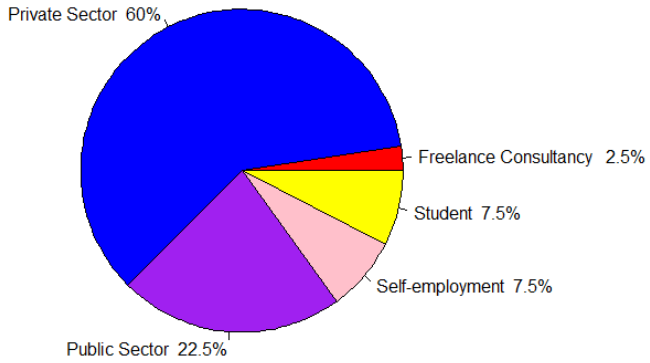

```
##Education Level
education_count=count(m$The. highest. level. of. education)
x=education_count$freq
education=education_count$x
piepercent<- round(100*x/sum(x), 1)
labels_new<-paste(education, piepercent,sep="  ")
final_labels<-paste(labels_new,'%',sep = "")
pie(x,labels =final_labels ,col = c("red",'blue','purple', 'pink','yellow'), main = "Education")
```

Education



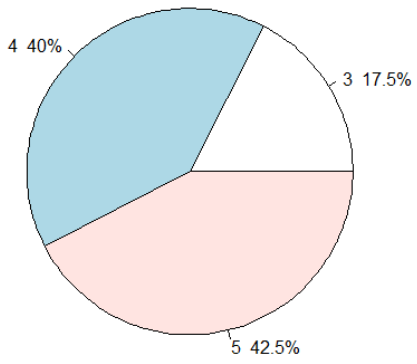

```
##Monthly income range
count=count(m$Your. monthly. income. range)
x=count$freq
variable=count$x
piepercent<- round(100*x/sum(x), 1)
labels_new<-paste(variable, piepercent,sep="  ")
final_labels<-paste(labels_new,'%',sep = "")
pie(x,labels =final_labels ,col = c("red",'blue','purple', 'pink','yellow'), main = "Monthly Income Pie Chart")
```

Monthly Income Pie Chart




```
##app_comfortability
count=count(data$app_comfortability)
x=count$freq
variable=count$x
piepercent<- round(100*x/sum(x), 1)
labels_new<-paste(variable, piepercent,sep="  ")
final_labels<-paste(labels_new,'%',sep = "")
pie(x,labels =final_labels , main = "App Usage Comfortability 1-5 Pie Chart")
```

App Usage Comfortability 1-5 Pie Chart



Many other could be found in Google Form descriptive analysis. [1]

Contact kanarupan.20@cse.mrt.ac.lk for more information in case.

https://docs.google.com/forms/d/1moEosiuIbY_4GYLgj-YpjrZhCM9vp6KS2qPuMpiStwY/edit#responses