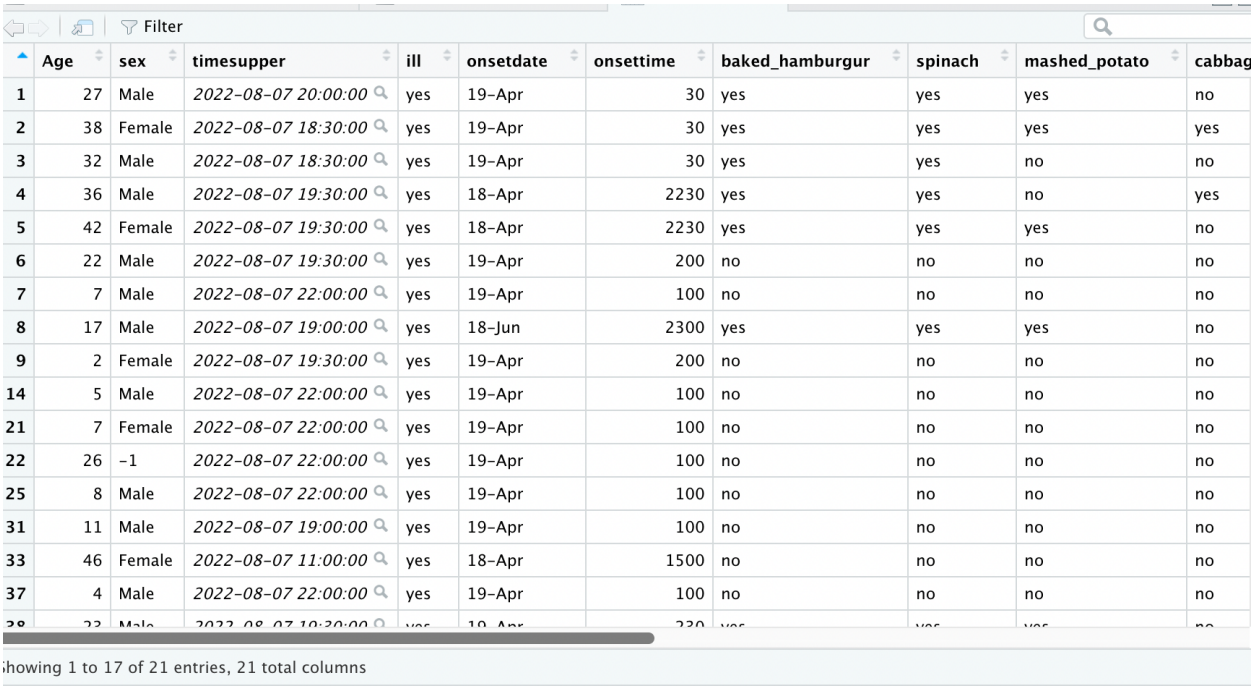
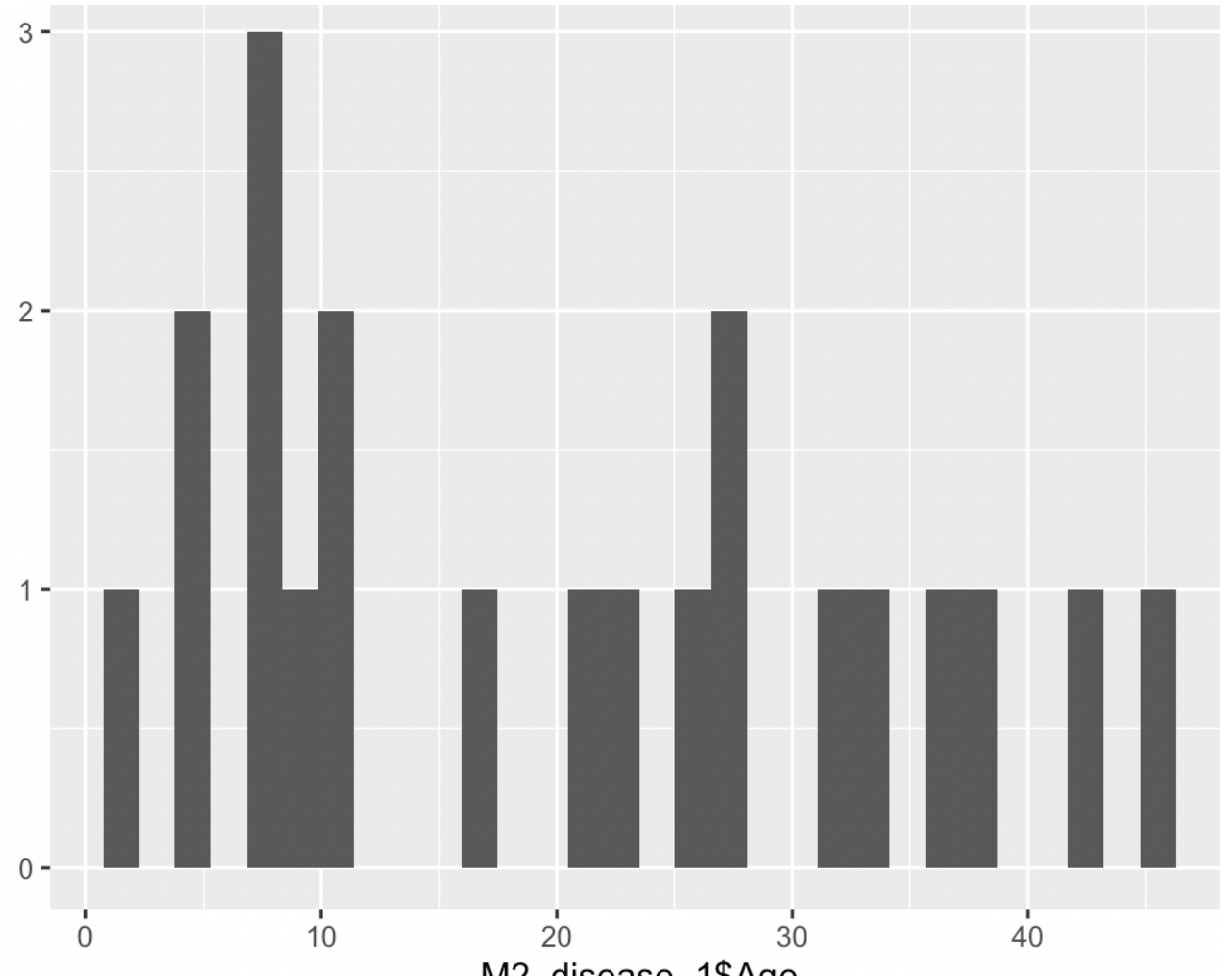
```r
#to clear the console use control+L for Mac os
getwd()
setwd("/Volumes/GoogleDrive/My Drive/ML_AI/Edureka/DS with R/Class 3/Datasets
list(getwd())
M2_disease <- read.csv("M2_disease.csv")
#checking the strucutre of the column
str(M2_disease$Age)
#changing the age to numeric
M2_disease$Age<- as.numeric(M2_disease$Age)
#omitting NA values
M2_disease_1 <- na.omit(M2_disease)
hist(M2_disease$Age)
hist(M2_disease_1$Age)
#Let's check the summary and structure of the dataset
summary(M2_disease_1)
mean(M2_disease$Age,na.rm = TRUE)
#Replacing Null value
table(M2_disease)
install.packages("Hmisc")
library("Hmisc")
M2_disease_1$dAge <- impute(M2_disease_1$Age, mean)
#timeformat
M2_disease_1$timesupper <- as.numeric(M2_disease_1$timesupper )
#M2_disease_1$onsetdate <- as.numeric(M2_disease_1$onsetdate)
M2_disease_1$timesupper <- strptime(M2_disease_1$timesupper,format= '%H%M')
#M2_disease_1$onsetdate <- strptime(M2_disease_1$onsetdate,format='%Y-%m-%d')
#plotting all at once
plot.ts(M2_disease_1)
qplot(M2_disease_1$Age,data = M2_disease_1)
hist(M2_disease_1$sex)
# The most consumed food is vannailaa
mean(M2_disease_1$Age)
# avarage as is 20
```



Filter

	Age	sex	timesupper	ill	onsetdate	onsettime	baked_hamburgur	spinach	mashed_potato	cabbag
1	27	Male	*2022-08-07 20:00:00*	yes	19-Apr	30	yes	yes	yes	no
2	38	Female	*2022-08-07 18:30:00*	yes	19-Apr	30	yes	yes	yes	yes
3	32	Male	*2022-08-07 18:30:00*	yes	19-Apr	30	yes	yes	no	no
4	36	Male	*2022-08-07 19:30:00*	yes	18-Apr	2230	yes	yes	no	yes
5	42	Female	*2022-08-07 19:30:00*	yes	18-Apr	2230	yes	yes	yes	no
6	22	Male	*2022-08-07 19:30:00*	yes	19-Apr	200	no	no	no	no
7	7	Male	*2022-08-07 22:00:00*	yes	19-Apr	100	no	no	no	no
8	17	Male	*2022-08-07 19:00:00*	yes	18-Jun	2300	yes	yes	yes	no
9	2	Female	*2022-08-07 19:30:00*	yes	19-Apr	200	no	no	no	no
14	5	Male	*2022-08-07 22:00:00*	yes	19-Apr	100	no	no	no	no
21	7	Female	*2022-08-07 22:00:00*	yes	19-Apr	100	no	no	no	no
22	26	-1	*2022-08-07 22:00:00*	yes	19-Apr	100	no	no	no	no
25	8	Male	*2022-08-07 22:00:00*	yes	19-Apr	100	no	no	no	no
31	11	Male	*2022-08-07 19:00:00*	yes	19-Apr	100	no	no	no	no
33	46	Female	*2022-08-07 11:00:00*	yes	18-Apr	1500	no	no	no	no
37	4	Male	*2022-08-07 22:00:00*	yes	19-Apr	100	no	no	no	no
38	23	Male	*2022-08-07 19:30:00*	yes	19-Apr	230	yes	yes	yes	no

showing 1 to 17 of 21 entries, 21 total columns


3
2
1
0
0
10
20
30
40