Diamond sizes

Lujie

2021

#Note, Each gray box below is a code chunk. You need to insert a code chunk and put your R code in it. By setting echo = FALSE. this comment and any code will not show in my output document. If it were TRUE, the comment and code would appear.

#The include = FALSE function hides both the code and output in my output document  
  
#You need to install these packages first to be able to use the functions within them. You can install them from the Tools tab or write a new code chunk: install.packages("package\_name").   
library(ggplot2)  
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

#this next line is creating a subset called 'smaller' of the diamonds data  
smaller <- diamonds %>%   
 filter(carat <= 2.5)

We have data about 53940 diamonds. Only 126 are larger than 2.5 carats. The distribution of the remainder is shown below:

