Diamond sizes

Anita Blege

2022

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

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:

#This next code chunk will make a plot in our output doc

smaller %>%   
 ggplot(aes(carat)) +   
 geom\_freqpoly(binwidth = 0.01)

