

diamond-sizes

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```
library(ggplot2)
library(dplyr)
```

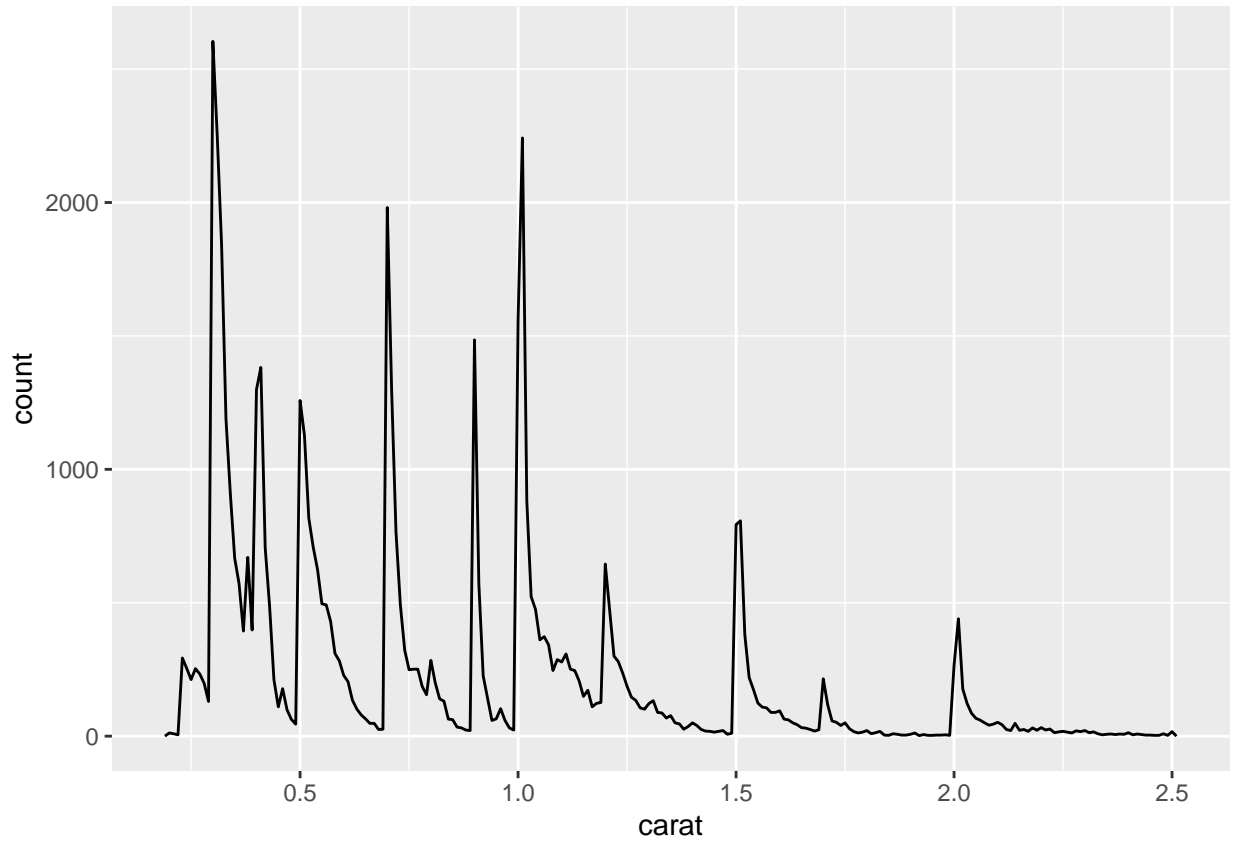
```
##
## Attaching package: 'dplyr'

## 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:



Striking features:

- Buyers prefer buying less than 1 carat diamonds since it's cheaper.
- If a buyers wants to buy above 1 carat they prefer buying 1 carat, 1.5 carat, 2 carat(people barely buy between these values).
- Very less people buy diamonds below 0.25 carat and above 2 carat.
- Maximum diamonds are bought around 0.25 carat since its the cheapest.