

Collaborative working in Google Docs with R: introducing `roogledocs`.

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Abstract

This demonstration document uses a template to make some points about the diamonds dataset. The average cost of diamonds was 3932.8 ± 3989.4 . That is all we have to say.

Background

Collaboration with google docs is easy. Importing the results of analysis from R is now possible thanks to `roogledocs`. This is great.

Methods

Typically the methods section would not contain figures or tabular materials. We are using the diamonds data set from `ggplot`.

Results

The diamonds data set has some interesting characteristics as shown in Table 1. Table captions and cross references are not the job of `roogledocs`, which can be done with `Articul8`. Likewise references are out of scope but possible with `Zotero`, or `Paperpile`, amongst others.

Table 1: this table was updated on 21/11/2022. It shows a description of the `ggplot::diamonds` data set (or at least it will when populated).

| cut | colorCat | Size (mean + sd) | Cost (mean + sd) |
|-----------|----------|------------------|------------------|
| Fair | D-G | 0.93 ± 0.43 | 3997 ± 3312 |
| | G-J | 1.24 ± 0.58 | 4972 ± 3873 |
| Good | D-G | 0.78 ± 0.39 | 3620 ± 3380 |
| | G-J | 1.00 ± 0.54 | 4610 ± 4194 |
| Very Good | D-G | 0.72 ± 0.39 | 3587 ± 3666 |
| | G-J | 1.00 ± 0.54 | 4873 ± 4358 |
| Premium | D-G | 0.79 ± 0.44 | 4060 ± 4044 |
| | G-J | 1.11 ± 0.59 | 5633 ± 4732 |
| Ideal | D-G | 0.63 ± 0.36 | 3151 ± 3562 |
| | G-J | 0.88 ± 0.53 | 4233 ± 4273 |

In figure 1, we demonstrate that the cost varies by size. average cost of diamonds being 3932.8 ± 3989.4 . This is the same number as in the abstract.

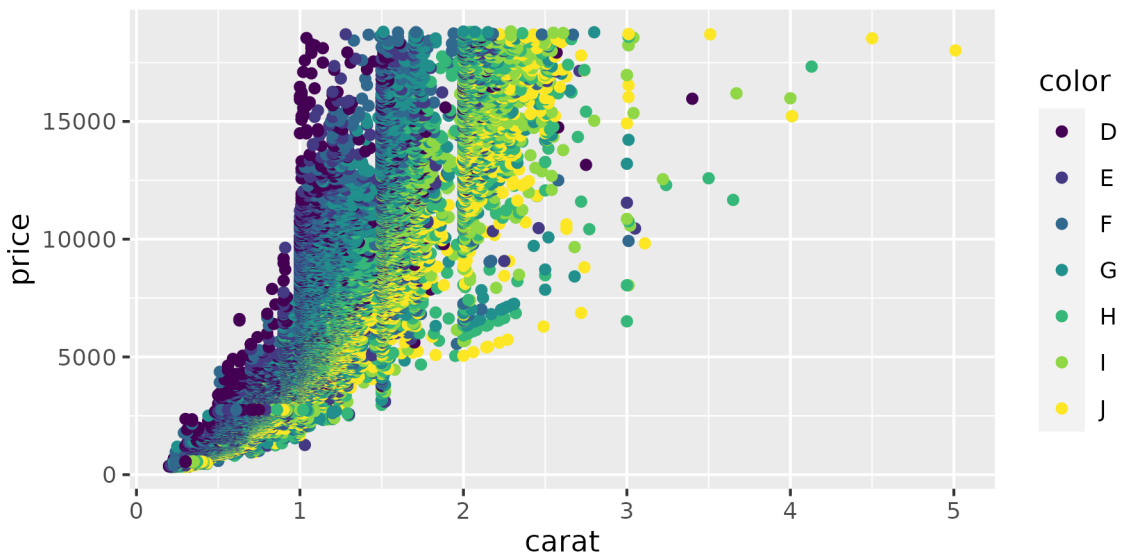


Figure 1 - some info about what figure 1 shows.

I don't have much to say about figure 2.

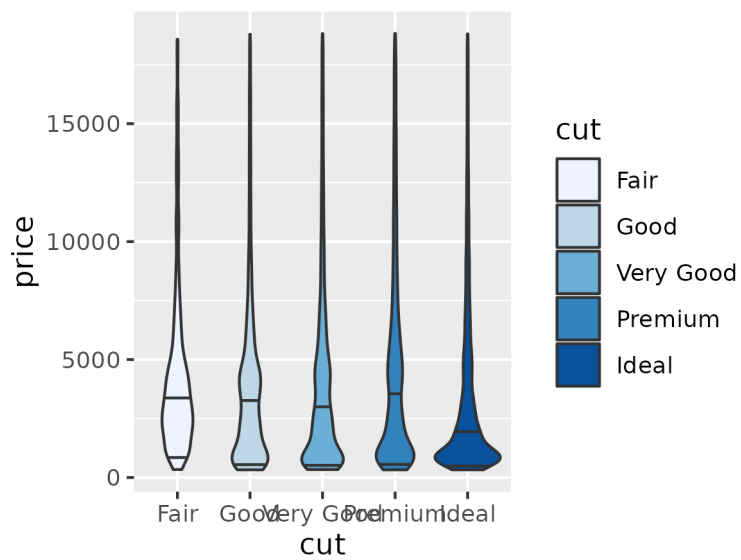


Figure 2 - This is another fascinating plot.

Discussion

This is all there is to it. Don't forget to cite us using: `citation("roogledocs")`

References

- Challen R (2022). R wrapper for Googledocs java library. R package version 0.01.
 Challen R (2020). R6 generator maven plugin. Maven plugin

Adding new content

[Roogledocs](#) is also able to add text at the end of the document with complex formatting. Supporting fonts and font face formatting such as **bold**, *italic* and underlined amongst other things.