

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

Dr. Robert Challen, University of Bristol.

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.

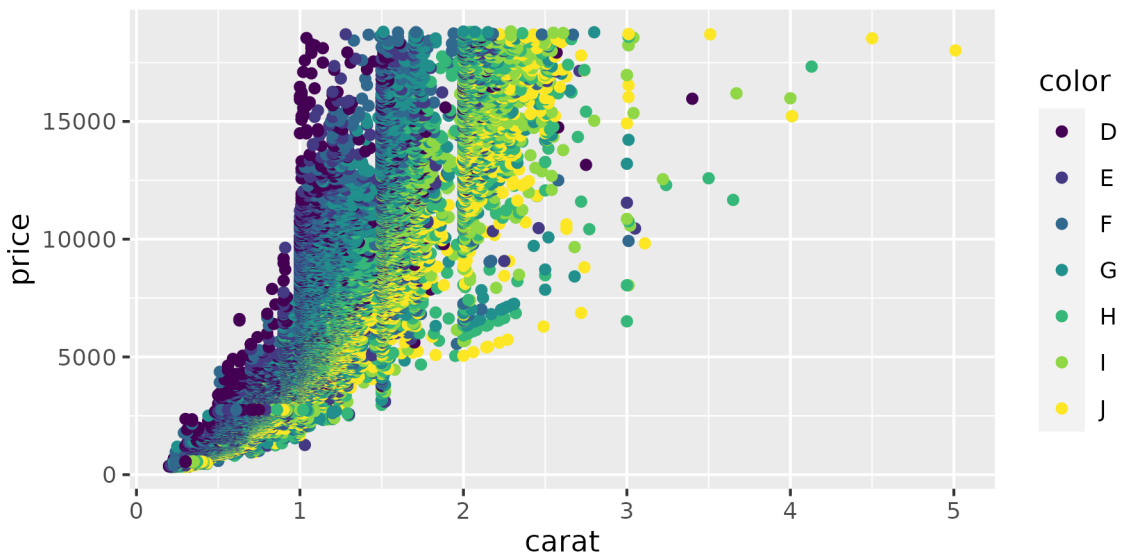


Figure 1 - some info about what figure 1 shows.

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

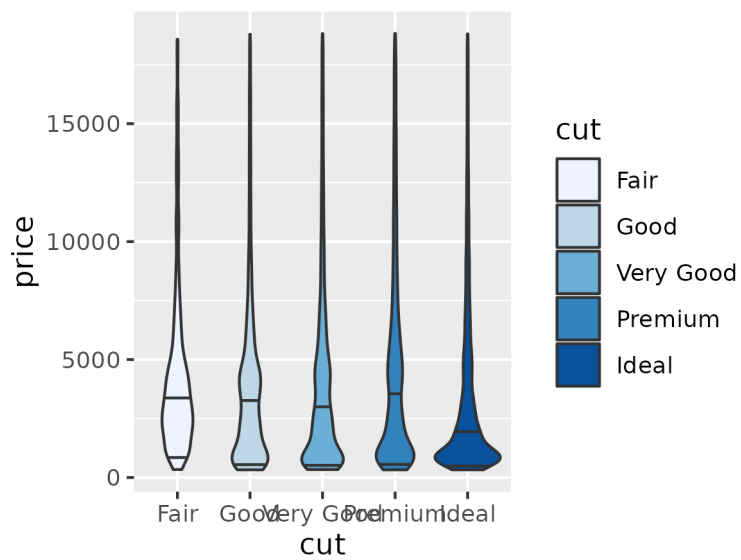


Figure 2 - This is another fascinating plot.

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.