Collaborative working with 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 27/04/2022. 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.

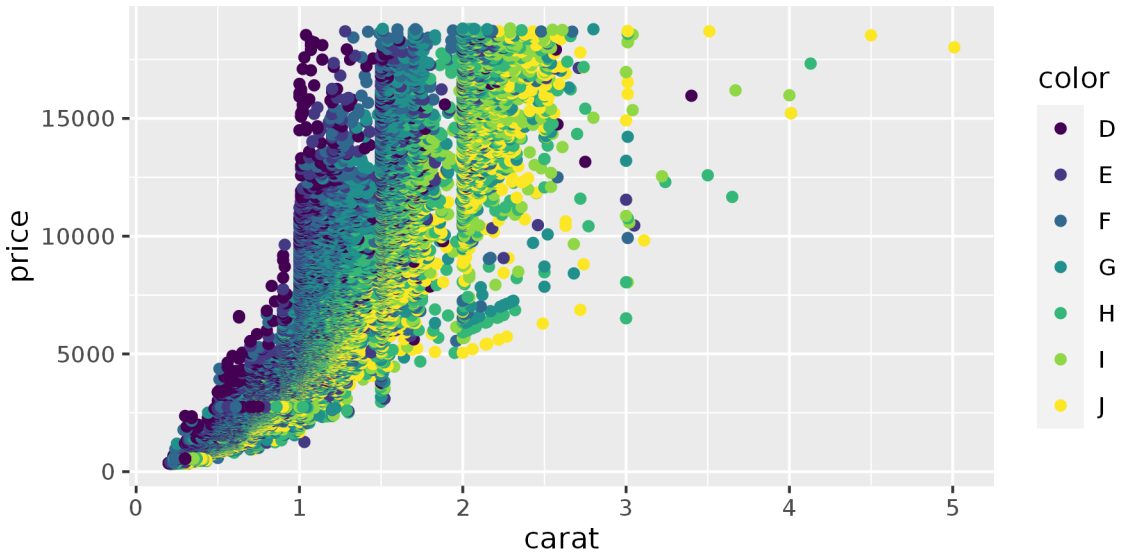

Figure 1 - some info about what figure 1 shows

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

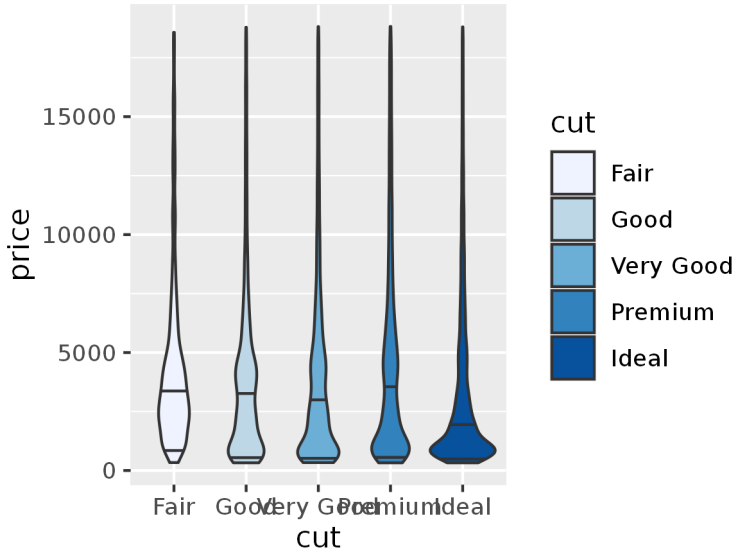

Figure 2 - This is another fascinating plot.

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