Codebook for diamonds

Autogenerated data summary from dataMaid

2020-10-19 12:37:30

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of observations	53940
Number of variables	10

Codebook summary table

Label	Variable	Class	# unique values	Missing	Description
	carat	numeric	273	0.00 %	
	cut	ordered	5	0.00 %	
	color	ordered	7	0.00 %	
	clarity	ordered	8	0.00 %	
	depth	numeric	184	0.00 %	
	table	numeric	127	0.00 %	
	price	integer	11602	0.00 %	
	x	numeric	554	0.00 %	
	y	numeric	552	0.00 %	
	z	numeric	375	0.00 %	

Variable list

carat

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	273
Median	0.7
1st and 3rd quartiles	0.4; 1.04
Min. and max.	0.2; 5.01
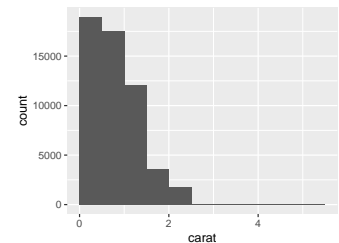
cut

Feature	Result
Variable type	ordered
Number of missing obs.	0 (0 %)
Number of unique values	5
Mode	"Ideal"
Reference category	Fair
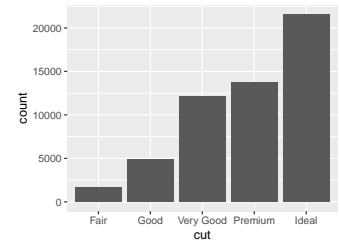
- Observed factor levels: "Fair", "Good", "Ideal", "Premium", "Very Good".
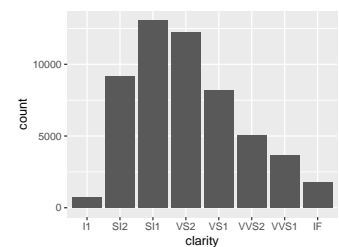
color

Feature	Result
Variable type	ordered
Number of missing obs.	0 (0 %)
Number of unique values	7
Mode	"G"
Reference category	D
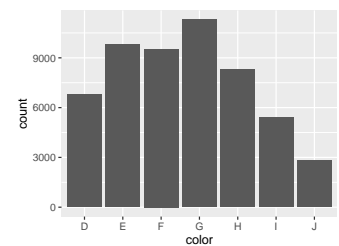
- Observed factor levels: "D", "E", "F", "G", "H", "I", "J".

clarity

Feature	Result
Variable type	ordered
Number of missing obs.	0 (0 %)
Number of unique values	8
Mode	"SI1"
Reference category	I1

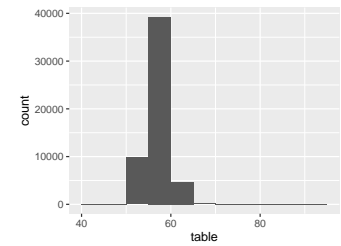- Observed factor levels: "I1", "IF", "SI1", "SI2", "VS1", "VS2", "VVS1", "VVS2".

depth

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	184
Median	61.8
1st and 3rd quartiles	61; 62.5
Min. and max.	43; 79
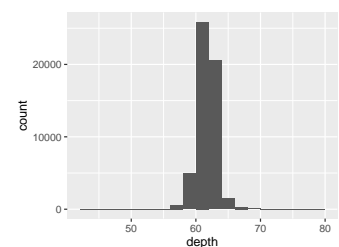
table

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	127
Median	57
1st and 3rd quartiles	56; 59
Min. and max.	43; 95

price

Feature	Result
Variable type	integer
Number of missing obs.	0 (0 %)
Number of unique values	11602
Median	2401
1st and 3rd quartiles	950; 5324.25
Min. and max.	326; 18823
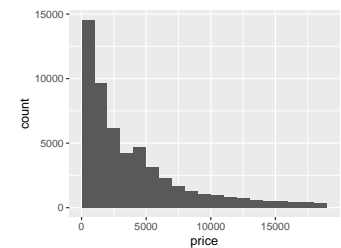
x

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	554
Median	5.7
1st and 3rd quartiles	4.71; 6.54
Min. and max.	0; 10.74

y
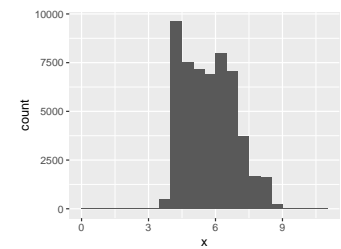
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	552
Median	5.71
1st and 3rd quartiles	4.72; 6.54
Min. and max.	0; 58.9
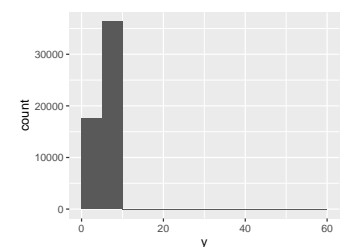
z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	375
Median	3.53
1st and 3rd quartiles	2.91; 4.04
Min. and max.	0; 31.8
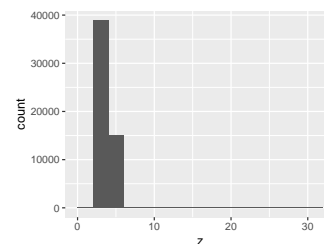
Report generation information:

- Created by: error: invalid key: Spyrison/.gitconfig (username: Nicholas Spyrison).

- Report creation time: Mon Oct 19 2020 12:37:31

- Report was run from directory: C:/Users/Nicholas Spyrison/Documents/R/tidy_tuesday_national_parks

- dataMaid v1.4.0 [Pkg: 2019-12-10 from CRAN (R 4.0.3)]

- R version 4.0.2 (2020-06-22).

- Platform: x86_64-w64-mingw32/x64 (64-bit)(Windows 10 x64 (build 18362)).

- Function call: dataMaid::makeDataReport(data = diamonds, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = "codebook_diamonds.Rmd", checks = list(character = "showAllFactorLevels", factor = "showAllFactorLevels", labelled = "showAllFactorLevels", haven_labelled = "showAllFactorLevels", numeric = NULL, integer = NULL, logical = NULL, Date = NULL), listChecks = FALSE, maxProbVals = Inf, codebook = TRUE, reportTitle = "Codebook for diamonds")