

STAT394 Group Project Final Report

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1 DRAFT FINAL REPORT

1.1 Experimenting with the relative file pathways

Making sure the relative file pathways work according to Alejandro's file structure from his article Frery, Gomez, and Medeiros (2020). The bibliography file path in the YAML code above takes us down into the 'Bibliography' folder and then opens the 'MASTER.bib' file. That is working.

```
##   carat      cut color clarity depth table price    x    y    z
## 1  0.23   Ideal     E    SI2  61.5    55   326 3.95 3.98 2.43
## 2  0.21 Premium     E    SI1  59.8    61   326 3.89 3.84 2.31
## 3  0.23    Good     E    VS1  56.9    65   327 4.05 4.07 2.31
## 4  0.29 Premium     I    VS2  62.4    58   334 4.20 4.23 2.63
## 5  0.31    Good     J    SI2  63.3    58   335 4.34 4.35 2.75

## 'data.frame':   53940 obs. of  10 variables:
## $ carat : num  0.23 0.21 0.23 0.29 0.31 0.24 0.24 0.26 0.22 0.23 ...
## $ cut : chr  "Ideal" "Premium" "Good" "Premium" ...
## $ color : chr  "E" "E" "E" "I" ...
## $ clarity: chr  "SI2" "SI1" "VS1" "VS2" ...
## $ depth : num  61.5 59.8 56.9 62.4 63.3 62.8 62.3 61.9 65.1 59.4 ...
## $ table : num  55 61 65 58 58 57 57 55 61 61 ...
## $ price : int  326 326 327 334 335 336 336 337 337 338 ...
## $ x : num  3.95 3.89 4.05 4.2 4.34 3.94 3.95 4.07 3.87 4 ...
## $ y : num  3.98 3.84 4.07 4.23 4.35 3.96 3.98 4.11 3.78 4.05 ...
## $ z : num  2.43 2.31 2.31 2.63 2.75 2.48 2.47 2.53 2.49 2.39 ...
```

Bibliography

Frery, Alejandro C, Luis Gomez, and Antonio C Medeiros. 2020. “A Badging System for Reproducibility and Replicability in Remote Sensing Research.” *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing* 13: 4988–95.