

INFORMATION SHEET

DATA SOURCE:

A compiled dataset of several diamonds and their characteristics.

```
(/Users/nnamdi/Documents/Data project/diamonds.csv
```

```
)
```

DATASET CHARACTERISTICS:

Column Name	Data Types	Description
Number	Quantitative data	Numerical arrangement
Carat	Quantitative data	weight of the diamond
Cut	Ordinal data	Quality of the cut
Color	Ordinal data	Diamond color
Clarity	Ordinal data	a measurement of how clear the diamond is.
Depth	Quantitative data	Depth of diamond
Table	Quantitative data	Width of diamond
Price	Quantitative data	price in US dollars
"x", "y", "z" latitude/longitude	Quantitative data	Depth, height, width

TASKS:

- Which color is the most available?
- How size of diamond depends on clarity

VISUALIZATION TECHNIQUES & LIBRARIES USED

Used pandas to create a dataframe.

Using matplotlib: To solve task 2

Using bar plot: To solve task 1