**Gemstone Price Prediction**

1 carat = 1.2 gm

Color: color of the gemstone. D is highest, J is the lowest.

Clarity: FL is the best I3 is the worst

Depth: Height of the gemstone. Measured from cullet to the table divided by avg griddle diameter.

Table:

Width of table of gemstone.

Represented as % of avg diameter.

x, y, z:

x – length of cubic zirconia in mm

y – width

z – height

price:

cut, color, clarity – categorical.

remaining – continuous

**bivariate analysis**

box plot – between numerical features

bivariate – scatterplot, lineplot for continuous variables