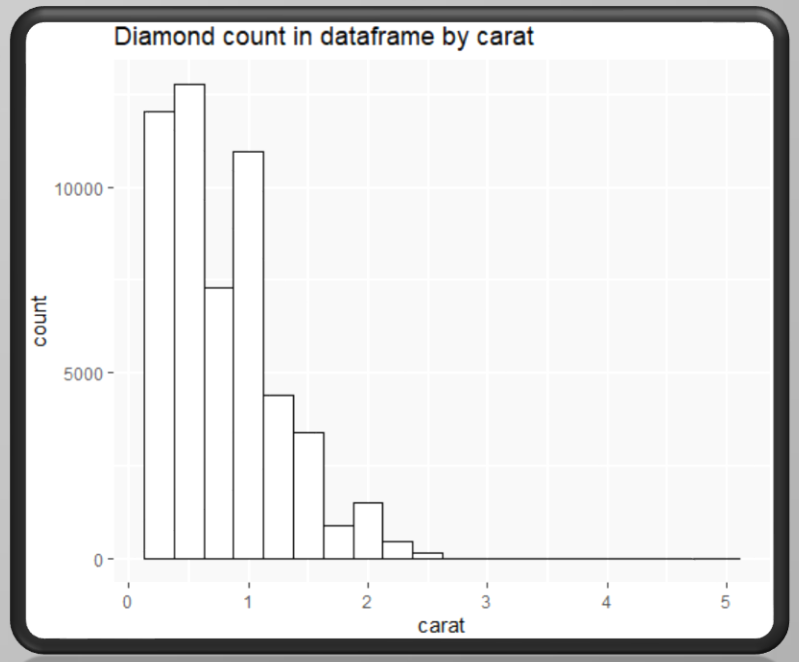
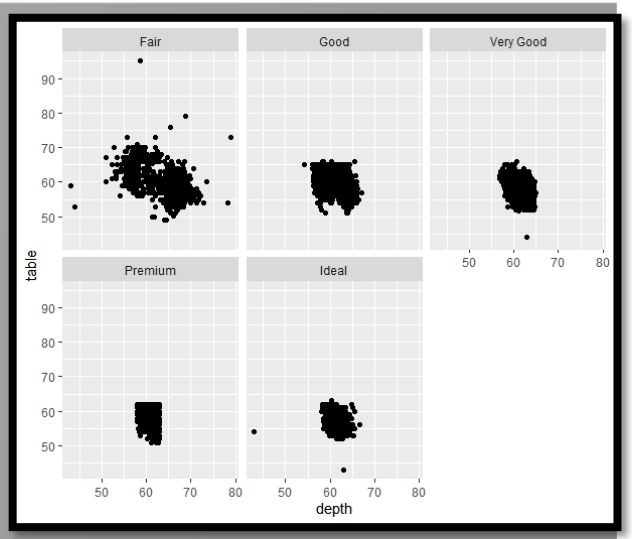
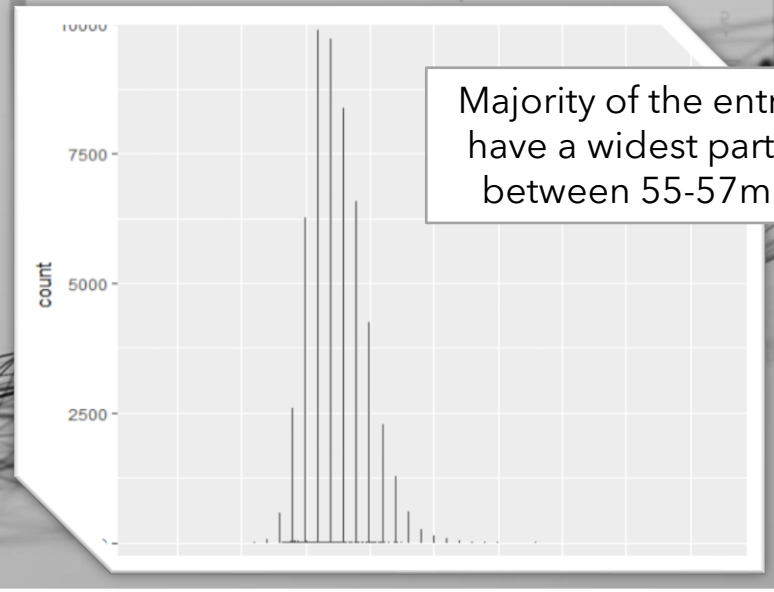
Diamonds dataset analysis



Analysis of this dataset has shown an even spread across all variables. The highest count of diamonds fall within the lower carat (weight of the diamond. Over 30,000 of the entries weight between approx. 0.2-1.1

Majority of diamond cuts are of a similar size (total depth vs top of diamond) across all types of "cut". However the lowest grade of cut "Fair" does show a scattering of different sizes.





Majority of the entries have a widest part of between 55-57mm

As we would expect the higher the carat the higher the price. This dataset features a large proportion of entries on the low-mid carat scale and the price is distributed accordingly.