

EDA FA 3

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DATASET

1. Create a histogram on the diamonds dataset,

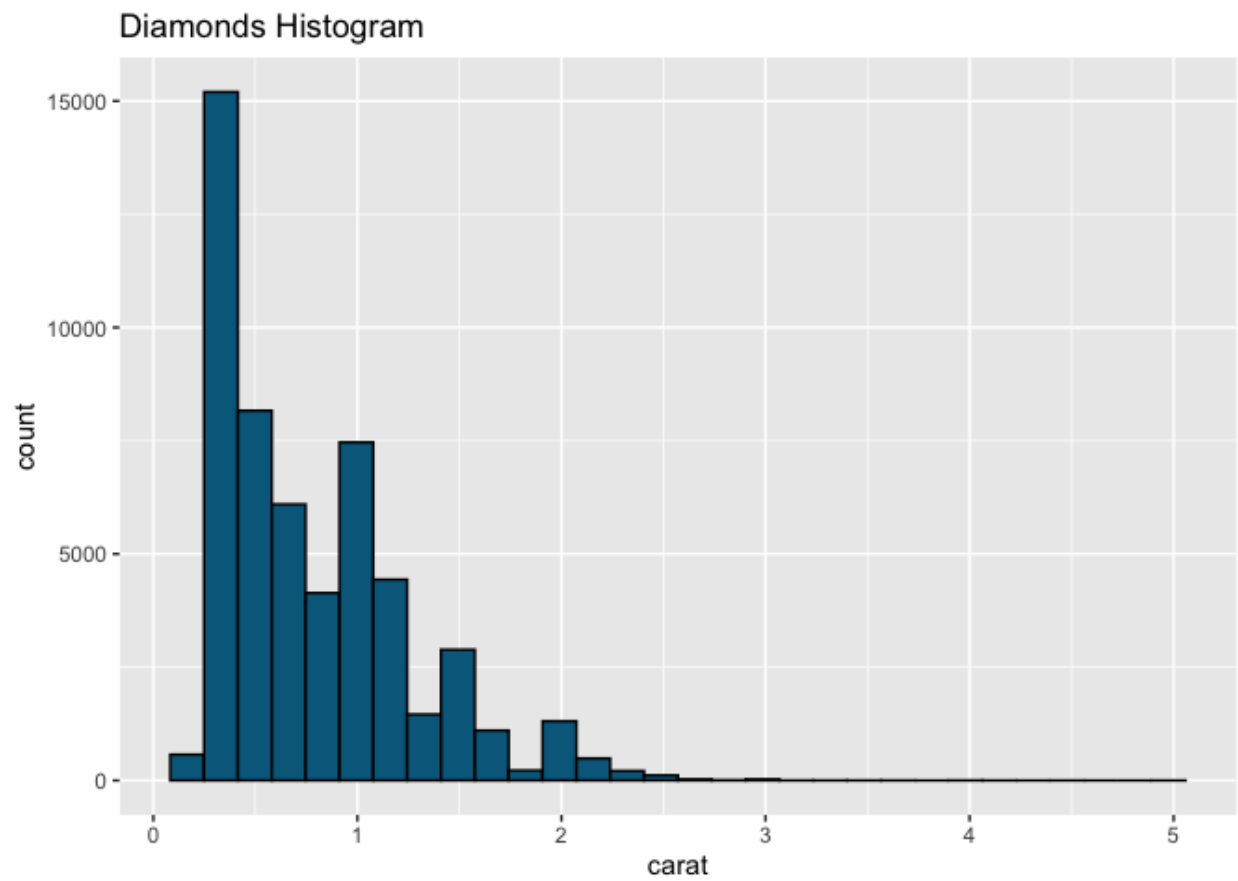


Figure 1: Diamond Histogram

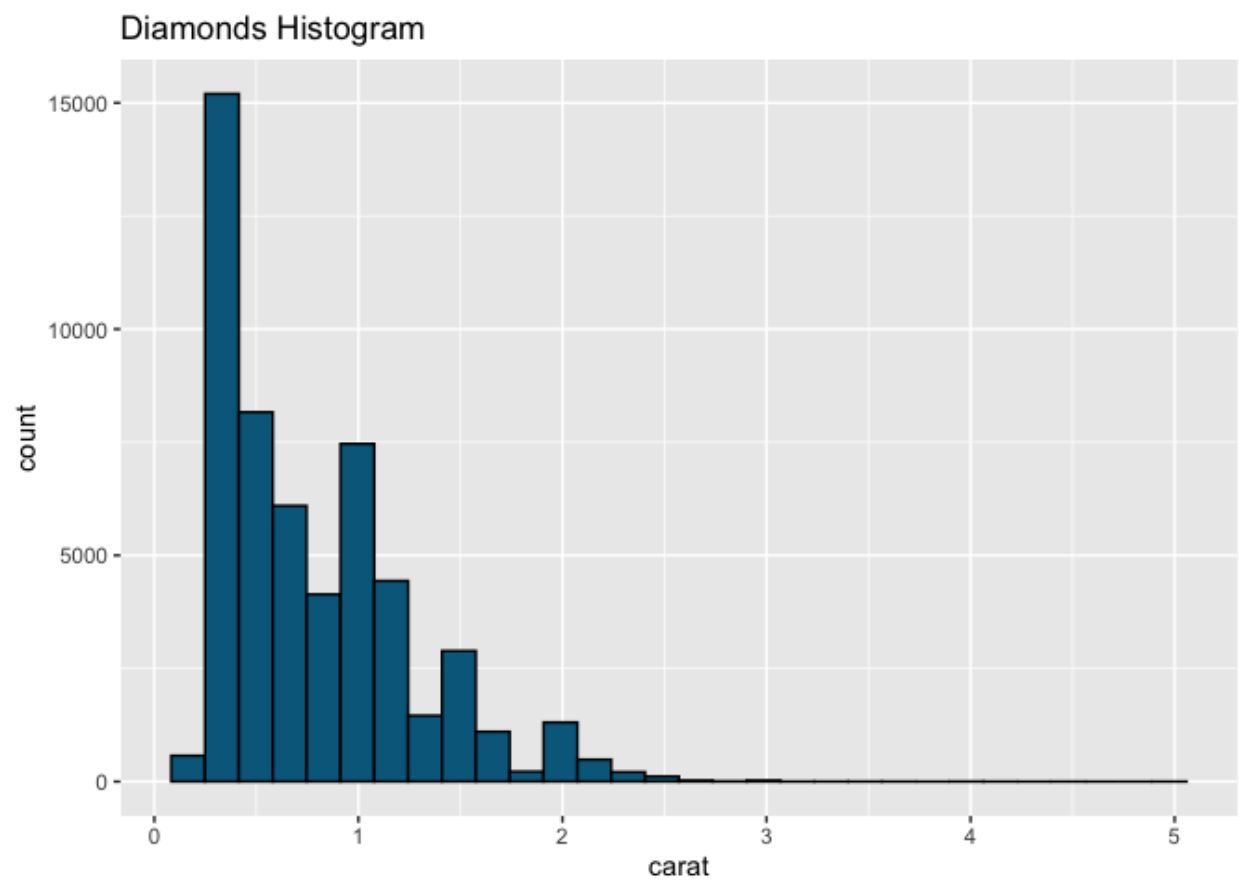


Figure 2: Histogram using Layer function

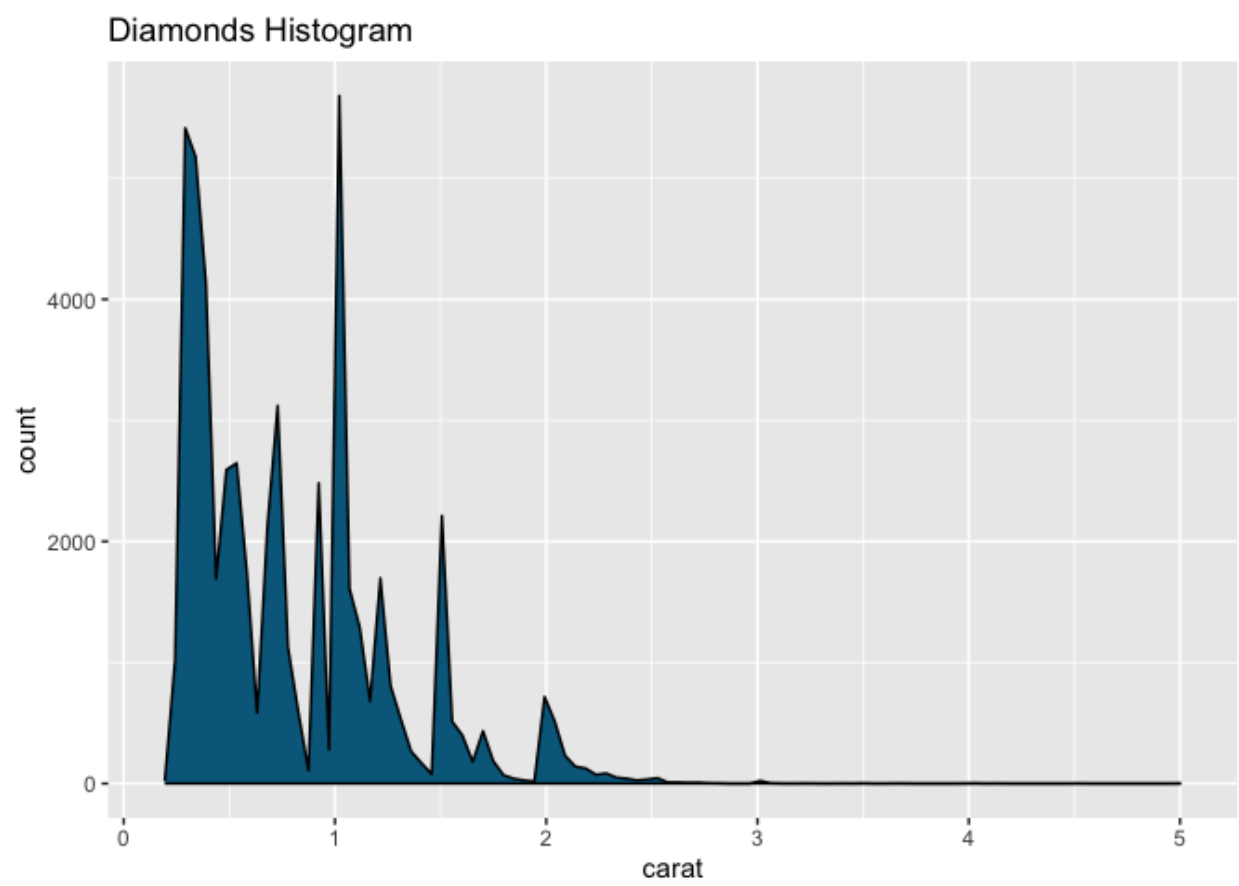


Figure 3: geom_density

2. Remember that a histogram is a plot with `stat_bin` and `geom_bar`. Modify your histogram code so that it uses a different geom, for example `geom_line` or `geom_point`. This should be simple once you have the layer specification of a histogram.
3. In your histogram (the one plotted with bars that you created in question 1), add an aesthetic mapping from one of the factor variables (maybe color or clarity) to the fill or color aesthetic.

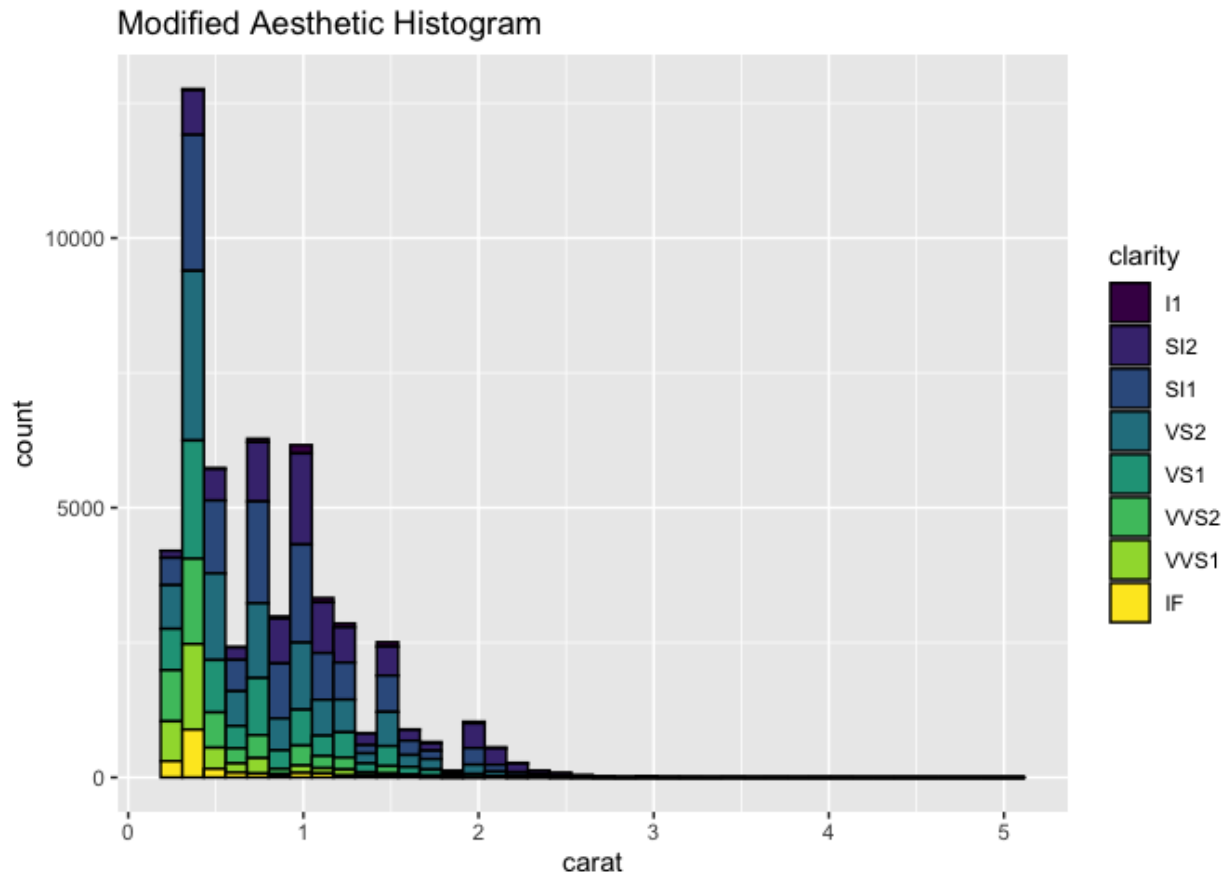


Figure 4: Aes=clarity

4. What is the default position adjustment for a histogram? Try changing the position adjustment in the histogram you created in question 3 to something different (hint: try `dodge`).

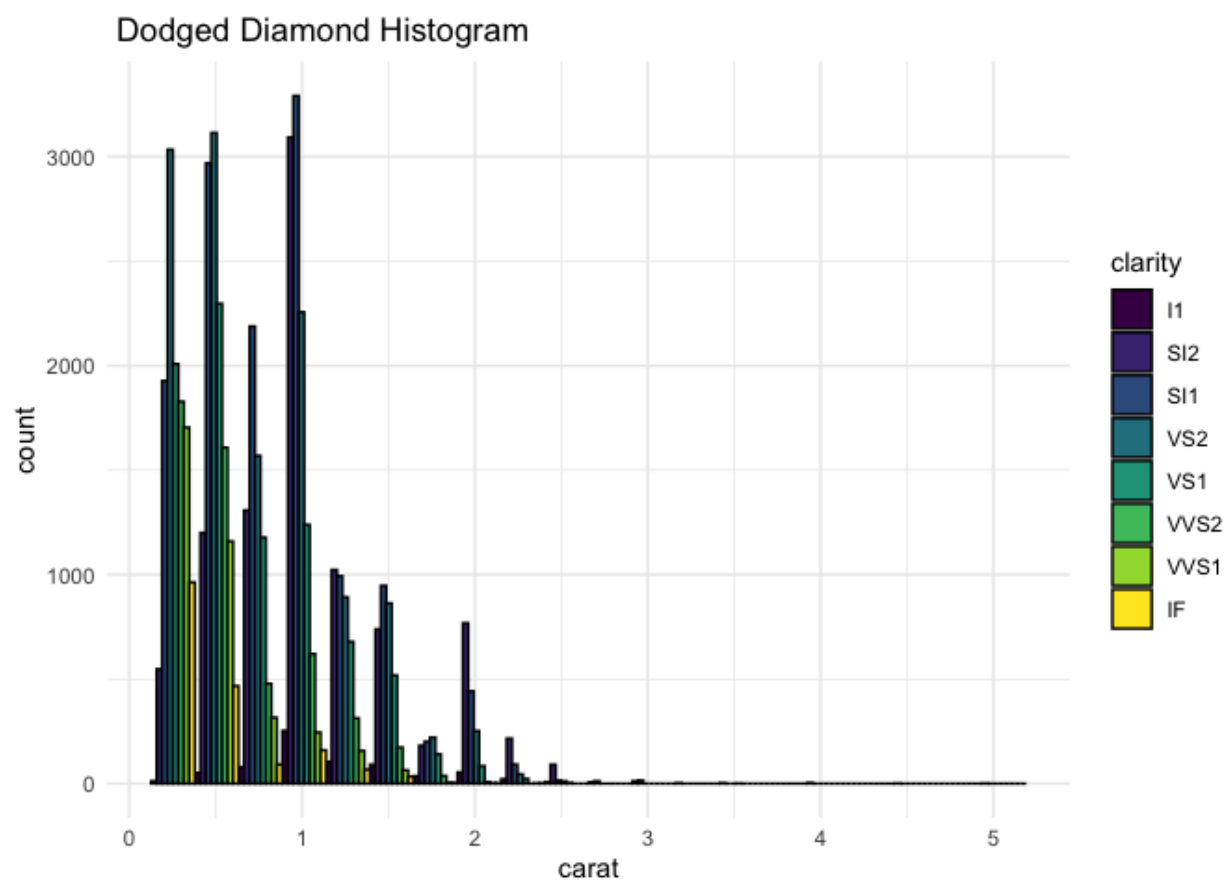


Figure 5: position=dodge