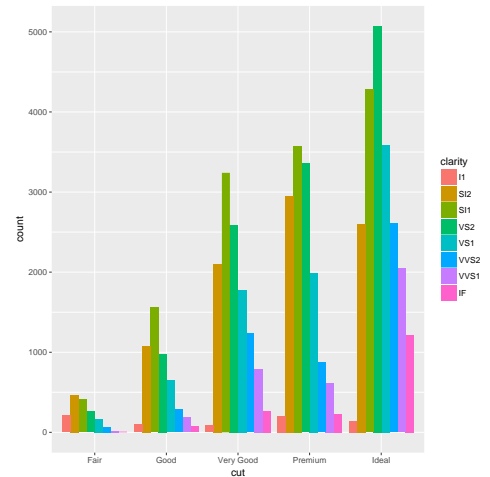


# Statistics Tutoring

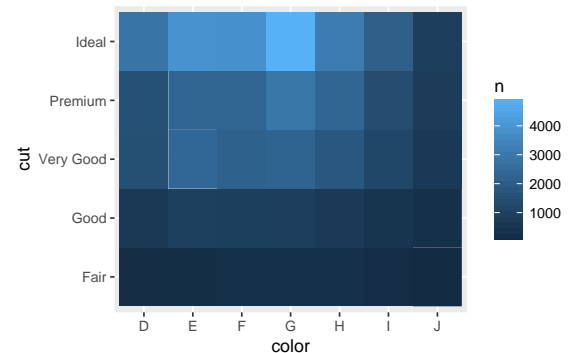
## Get assistance with:

- Experimental design
- Importing and tidying data; transforming data for statistical analyses
- Visualizing data and visualizing assumption violations for various models
- Modeling data and selecting appropriate models for your data
- Dealing with assumption violations by applying appropriate models/model corrections
- Dealing with nonlinear data and categorical data
- Writing up statistical analyses for published work
- Creating tidy and informative plots for papers



## Learn how to apply various statistical methods and models including:

- Regression/multiple regression
- t-test, ANOVA, non-parametric statistical testing
- Structural equation modeling (SEM)
- Repeated-measures and other nested designs
- Mixed models, generalized mixed models
- Model testing and model comparison
- Machine learning



**STATISTICS TUTOR:** Pradyumna Lanka

Virtual Office Hours:

Mondays & Wednesdays 10:00am to 1:00pm [Zoom link](#)

By Appointment:

Email [gradtutor@ucmerced.edu](mailto:gradtutor@ucmerced.edu) with "Stats" in subject line

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