

Scenario

We explored the distribution of our variables, Bonus, Fireplaces, Lot_Shape_2 and Basement_Area, and saw some possible associations of the three predictors with the response using crosstabulation tables and histograms. We need to assess whether the differences between the percentages of Bonus across levels of the predictors is greater than would be expected by chance. To be certain that the variables are associated, we need to run a formal test of association, the chi-square test. To measure the magnitude of an association, we'll use measures of association, such as Cramer's V statistic and the Spearman correlation statistic.

Statistics 1: Introduction to ANOVA, Regression, and Logistic Regression

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