

Expectation for Quiz 2

- take a bivariate data set and determine (i) whether a relationship exists between the two variables, (ii) determine the strength of the relationship of such variables, based on both the scatter-plot and the correlation coefficient, (iii) build a model which mathematically represents the relationship in (ii), (iv) understand what the model is predicting and (v) find the coefficient of determination and interpret the meaning
- understand the behavior of random events; concepts of mutually exclusive events, independent events, and conditional probability; obtain an understanding of Bayes's rule