CCM8 Unit 12 Investigating Bivariate Data – Scatter Plots and Two-Way Tables

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| Vocabulary Word | Definition |
| scatter plot | a graph in the coordinate plane representing a set of bivariate data. For example, the heights and weights of a group of people could be displayed on a scatter plot. |
| positive correlation | one variable’s values increase as the other variable’s values increase |
| line of best fit | a straight line that demonstrates the relationship between two variables |
| bivariate data | pairs of linked numerical observations. Example: a list of heights and weights for each player on a football team. |
| negative correlation | one variable’s values increase as the other variable’s values decrease. |
| no correlation | the variables’ values seemingly have no relationship to each other |
| clusters | data that is grouped together in a certain area |
| outliers | extreme data points that do not really fit the trend of the data |
| frequency | the number of times a particular value occurs in a set of data |
| relative frequency | a ratio of the frequency of a value and the total frequency of the data |
| two-way tables | used to record and analyze the relationship between two or more categorical variables |