



## Bivariate Measurement Data Investigation Glossary

<b>Term</b>	<b>Definition</b>
Bivariate data	Data involving two variables
Relationship question	A question about the relationship between two variables
Data display	A visual representation of the data, such as a scatter plot
Data feature	Patterns, trends, or other noticeable characteristics in the data
Model	A mathematical equation or function that describes the relationship between the variables
Relationship description	An explanation of the nature and strength of the relationship between the variables
Prediction	Using the model to estimate a value of one variable given a value of the other variable
Conclusion	A summary of the findings and their significance
Multivariate data set	A data set with more than two variables
Continuous variable	A variable that can take on any value within a range
Discrete variable	A variable that can only take on specific, distinct values
Regression analysis	The process of finding a model that best fits the data
R-squared ( $R^2$ )	A statistic that measures the goodness of fit of the model