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| --- | --- | --- | --- |
| Analyze | Review the data from an experiment to find out what the data means | Control | The part of the experiment that is the constant |
| Inference (infer) | Assume a fact, without proof, based on previous experience | Qualitative Data | Data observed, not measured |
| Conclusion | The summary of an experiment based on data | Data | Collected information from an experiment |
| Observation (observe) | To watch or look at something to get information | Quantitative Data | Data measured and expressed by numbers |
| Evidence | Data used to support the conclusion | Variable | The part of an experiment that is changed |
| Question | A problem that can be tested through an experiment | Hypothesis | An educated guess |
| Experiment | A test that is done to support or disprove a hypothesis |  |  |