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Age vs. Reaction Time

The purpose of this experiment is to see which age group has the fastest average reaction time. This investigation is important because reaction times impact everyone and their everyday lives.

The information gained through this experiment can be used to give appropriate amounts of time to certain age groups for certain tasks. In this experiment, four age groups, 0-19, 20-39, 40-59, and 60+, will be tested for their average times. These times will then be averaged to see what the overall average time for each age group is.

The hypothesis was supported because the 0-19 age group had the fastest reaction time with an average reaction time of 2.73715 seconds. The age group with the next shortest reaction time was the 20-39 age group with an average reaction time of 3.4607 seconds. The age group with the longest reaction time was the 40-59 age group with an average reaction time of 4.3456 seconds. The 60+ age group was inconclusive because there was not enough data. If the data was counted as is, this would be the age group with the slowest average reaction time of 4.3456 seconds.