



Your grade: 100%

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Your latest: 100% • Your highest: 100% • To pass you need at least 75%. We keep your highest score.

1. Fill in the blank: Hypothesis testing is a way to see if a survey or experiment has _____ results. 1 / 1 point

meaningful

Hypothesis testing is a way to see if a survey or experiment has meaningful results.

insufficient

random

probable

2. A research team conducts an experiment to determine if a new cybersecurity tool is more effective than the previous version. What type of results are required for the experiment to be statistically significant? 1 / 1 point

Results that are inaccurate and should be ignored

Results that are hypothetical and in need of more testing

Results that are real and not caused by random chance

In order for an experiment to be statistically significant, the results should be real and not caused by random chance.

Results that are unlikely to occur again

3. In order to have a high confidence level in a customer survey, what should the sample size accurately reflect? 1 / 1 point

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Test your knowledge on testing your data

Practice Assignment • 8 min



Exit

- Results that are unlikely to occur again

3. In order to have a high confidence level in a customer survey, what should the sample size accurately reflect?

1 / 1 point

- The predictions of stakeholders
- The most valuable members of the population
- The trends from previous customer surveys
- The entire population

In order to have a high confidence level in a customer survey, the sample size should accurately reflect the entire population.

4. Fill in the blank: Typically, a data professional aims to achieve a statistical power of at least _____ to consider their results statistically significant.

1 / 1 point

- 0.8, or 80%

Typically, a data professional aims to achieve a statistical power of at least 0.8, or 80% to consider their results statistically significant.

- 0.1, or 10%
- 1, or 100%
- 0.6, or 60%