

Data Analysis and Probability

Goal: The learner will understand and determine probabilities.

Objective:

4.06 Design and conduct experiments or surveys to solve problems; report and analyze results.

To achieve this objective, students should:

- Pose questions, collect and analyze data, and make interpretations of the results to answer questions.
- Understand the difference between a population and a sample.
- Understand different methods for selecting a sample and be able to evaluate how the sampling process may affect results of a survey or data collection (e.g., representative, biased, too small of a sample size).