Data Collection statistics: Science of collecting, organizing, summarizing, analyzing, information.

Vocabulary:
- data-information about individuals that make up a population.
- population: entire group under study.
- sample: subset of population, usually more than one individual.

Descriptive statistics: Consists of organizing and summarizing data, often using tables, graphs.

Inferential: Use methods that take a result
from a sample, extend it to population
measure reliability.

Variable: Characteristics of individuals in population.

Qualitative: Categorical variables based on attributes.

Quantitative: Numerical measures that can be added/subtracted for meaningful result.

- Discrete: Finite or countable number of positive values.
- Continuous: Has an infinite number of possible values.