

STA 3180 Statistical Modelling: Statistical Literacy

Statistical Literacy - STA 3180 Statistical Modelling

Key Concepts

- Statistical literacy is the ability to understand and interpret statistical information.
- It involves understanding the basic principles of statistics, such as sampling, hypothesis testing, and data analysis.
- It also involves being able to identify and evaluate sources of statistical information.

Definitions

- **Statistical Literacy**: The ability to understand and interpret statistical information.
- **Sampling**: The process of selecting a subset of a population for study.
- **Hypothesis Testing**: A process used to test a hypothesis about a population by collecting data and analyzing it.
- **Data Analysis**: The process of examining, cleaning, transforming, and modeling data with the goal of discovering useful information, suggesting conclusions, and supporting decision making.

Practice Multiple Choice Questions

Q1. What is statistical literacy?

- A. The ability to understand and interpret statistical information
- B. The ability to collect and analyze data
- C. The ability to make decisions based on data
- D. The ability to design experiments

Answer: A. The ability to understand and interpret statistical information