

A Scientific Approach  
Chapter 2

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A Scientific Approach

- The Scientific Method
- Sample
- Population
- Random sample
- Biased sample
- Stratified sample
- Subject/participant
- Replications

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Types of Research

- Descriptive Research
- Correlational Research
- Experimental Research

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**Analyzing and Interpreting Data**

- Descriptive Statistics
- Inferential Statistics

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**Challenges of Research**

- Conducting Ethical Research
- Minimizing Bias

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