

## SECTION OVERVIEW

### Unit 2: Mean Differences

#### 7: Inferential Statistics and Hypothesis Testing

- 7.1: Growth Mindset
- 7.2: Samples and Populations Refresher
  - 7.2.1: Can Samples Predict Populations?
  - 7.2.2: Descriptive versus Inferential Statistics
- 7.3: The Research Hypothesis and the Null Hypothesis
- 7.4: Null Hypothesis Significance Testing
- 7.5: Critical Values, p-values, and Significance
  - 7.5.1: Critical Values
  - 7.5.2: Summary of p-values and NHST
- 7.6: Steps of the Hypothesis Testing Process
- 7.7: The Two Errors in Null Hypothesis Significance Testing
  - 7.7.1: Power and Sample Size
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#### 8: One Sample t-test

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#### 9: Independent Samples t-test

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  - 9.1.1: Another way to introduce independent sample t-tests...
- 9.2: Independent Samples t-test Equation
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## 11: BG ANOVA

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  - 12.1.1: Things Worth Knowing About RM ANOVAs
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## 13: Factorial ANOVA (Two-Way)

- 13.1: Introduction to Factorial Designs
  - 13.1.1: Factorial Notations and Square Tables
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