

# Your Presentation

Your subtitle (if there's one)

YOUR NAME    ANOTHER NAME

Your Faculty/Department

Date of Presentation



# Outline

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1. Introduction
2. Some  $\text{\LaTeX}$  Examples

# Introduction

- ▶ Your introduction goes here!
- ▶ Use `itemize` to organize your main points.

## Examples

Some examples of commonly used commands and features are included, to help you get started.

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Let  $X_1, X_2, \dots, X_n$  be a sequence of independent and identically distributed random variables with  $E[X_i] = \mu$  and  $\text{Var}[X_i] = \sigma^2 < \infty$ , and let

$$S_n = \frac{X_1 + X_2 + \dots + X_n}{n} = \frac{1}{n} \sum_i^n X_i$$

denote their mean. Then as  $n$  approaches infinity, the random variables  $\sqrt{n}(S_n - \mu)$  converge in distribution to a normal  $\mathcal{N}(0, \sigma^2)$ .