

## Introduction to data science

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BCIT

- Discipline-specific uses
- Introduction to R/RStudio
- Data manipulation and figures
- t-tests

### Additional practice

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- Specialized R packages
- Student-generated data

## Applications of data science

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- Intermediate R/RStudio
- ANOVA and linear regression
- Introduction to Unix
- Capstone projects

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- Consultation in R/RStudio
- Consultation in statistics
- Student-generated data
- Capstone projects

## Scientific communication

JEMI

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URS

- Publication in the Journal of Microbiology and Immunology (JEMI)
- Presentation at the MICB Undergraduate Research Symposium (URS)