

# Overview

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# Topics to be Covered

## Day 1

- R: Language Basics, Plotting, Getting Help
- Using the RStudio Editor

## Day 2

- Introduction to Statistical Methods
  - Dimensionality Reduction
  - Regression
  - Clustering

## Day 3

- Accessing Data sets: CellMiner (cell lines/drugs), CBioPortal (patient samples), Pathway Commons (pathways)

## Day 4

- Data Integration Examples
- Developing Web Applications