

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

Websites

- About Me: lunean.com
- Presentations: blog.lunean.com