

Syllabus/Topics

- R fundamentals - reading and restructuring non-standard data.
- Data Extraction and Text Manipulation via Regular Expressions
- Relational Databases & SQL
- Web Scraping & APIs (Application Programming Interfaces) - HTTP requests, JSON, XML
- Interactive Data Visualization - Web-based, HTML, JavaScript, SVG, CSS from R.

Additional/Optional Topics

- If we have time and you are interested
 - Advanced aspects of R
 - UNIX shell basics
 - Version Control (git)