Introduction to R for Data Management and Analysis

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Reporting Tools

- Reproducibility is a major issue across disciplines[1]
- Being able to reproduce your own analysis is essential
- Reviewers may ask to redo your analysis with slight modifications
- "Future" you will thank you for creating an analysis workflow that is easy to follow and well annotated
- R Markdown is an essential tool for effective communication and dissemination of reproducible results

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[1] {https://www.nature.com/news/1-500-scientists-lift-the-lid-on-reproducibility-1.19970}

R Markdown Syntax

1. Visit the $\{$ RStudio Tutorial $\}$ page

2. Go through the first 9 lessons up to and including Output Formats

3. Download the RStudio Cheatsheet here[2]

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[2]https://www.rstudio.com/resources/cheatsheets/