

# CURIOUS ABOUT DATA SCIENCE?

**FREE** Virtual Courses | Fall 2023

## Self-paced Learning with UofU Instructor Support

Courses provide self-paced learning with pre-recorded tutorials and practice exercises that can be completed at your convenience. Regular instructor help hours available for any questions.

### Introduction to R

This course **introduces the R programming language and is designed for beginners who are new to R and coding**. Specific topics covered include using RStudio and writing documents with quarto along with basic coding principles, defining variables, vectors, and data frames, pipes, data manipulation with dplyr, and data visualization with ggplot2.

### Data Cleaning

This course provides an **opportunity to practice your R skills by cleaning a real-world dataset**, while learning best practices for conducting reproducible data cleaning. Specific topics covered include identifying and addressing missing values, handling data quality issues, and transforming raw data into a clean and structured format ready for analysis.

## Additional Courses Coming Soon!

We will be expanding our offering of courses to include:

- Introduction to Python for Data Analysis
- Advanced R for Data Analysis
- Machine Learning with R or Python
- How to Use Git and GitHub
- Databases and SQL



[bit.ly/utah-ds-learn](https://bit.ly/utah-ds-learn)



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