COURSE SYLLABUS

Data Analytics with R Bootcamp

Learn to visualize and analyze data using the R programming language in this comprehensive data analytics bootcamp. Explore R basics, data wrangling, and graphics, and create interactive Shiny apps for various projects.

Group classes (NYC) and onsite training are available for this course. For more information, email corporate@nobledesktop.com or visit: https://www.nobledesktop.com/classes/data-analytics-with-r



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Course Outline

R Basics

RStudio

Libraries

Programming Fundamentals: Variables, Conditionals, Looping, and Applying

Working with Data

SQL concepts

Wrangling data (dplyr & tidyr)

Database connections (RPostgres)

R Graphics

Charts with ggplot2

Geomapping with Leaflet

Graph Networks with visNetwork

The Shiny App: Options for projects

Food delivery service app

Football simulator app

Stock analytics app

Virus spreading forecast app

Music selecting app

The Shiny App: Deploying & sharing the app