

# 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 in NYC and onsite training is available for this course. For more information, email [hello@nobledesktop.com](mailto:hello@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