



COURSES IN DATA ANALYSIS

2022-2023

**Become a proficient data scientist.
Get started or dig in deep!**

Module 1
Start: October 24, 2022
**Getting Started
with R Software for
Data Analysis**

Module 2
Start: October 26, 2022
**Design and Analysis
of Clinical Trials**

Module 3
Start: November 8, 2022
**Drawing Conclusions
from Data:
an Introduction**

Module 4
Start: December 5, 2022
**Getting Started
with Python for
Data Scientists**

Module 5
Start: January 10, 2023
**Exploiting Sources of
Variation in your Data:
the ANOVA Approach**

Module 6
Start: February 2, 2023
**Getting Started with
NVivo for Qualitative
Data Analysis**

Module 7
Start: February 6, 2023
**Leverage your R Skills:
Data Wrangling &
Plotting with Tidyverse**

Module 8
Start: February 10, 2023
**Dynamic Report
Generation with
R Markdown**

Module 9
Start: March 2, 2023
**Explaining and
Predicting Outcomes
with Linear Regression**

Module 10
Start: April 3, 2023
**Mastering R Skills:
Selected Topics for
Successful Programming**

Module 11
Start: April 12, 2023
**Multilevel Analysis
for Grouped and
Longitudinal Data**

Module 12
Start: April 17, 2023
**Machine Learning
with Python**

Module 13
Start: April 18, 2023
**Building Interactive
Apps with Shiny® in R**

Module 14
Start: April 20, 2023
**Artificial Neural
Networks: from
the Ground Up**

Module 15
Start: May 22, 2023
**Time-to-Event Analysis
(Survival) with
Applications to Health
Sciences and Industry**

