

Introduction to R for Finance (3 days)

R is a popular programming language in the financial industry. It is used in financial applications ranging from core trading programs to risk management systems. In this instructor-led, live training, participants will learn the fundamentals of R programming as they walk through coding in R using financial examples.

R Programming for Finance (4 days)

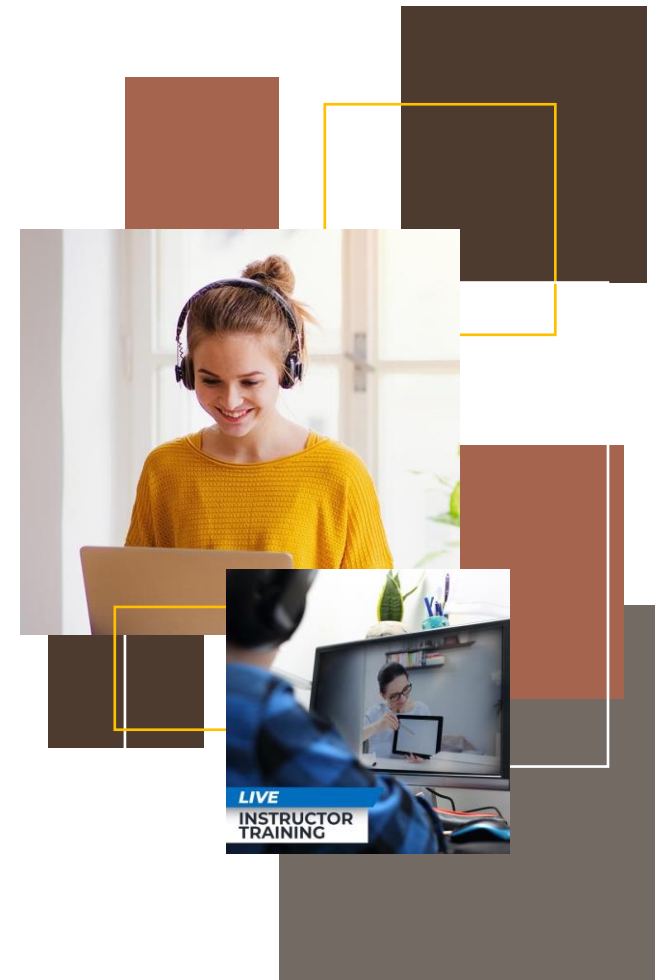
In this instructor-led, live training, participants will learn how to use R to develop practical applications for solving a number of specific finance related problems. In this course participants will learn how select and utilize R packages and techniques to organize, visualize, and analyse financial data from various sources (CSV, Excel, databases, web, etc.) and build applications that solve problems related to asset allocation, risk analysis, investment performance and more

Cluster Analysis with R and SAS (2 days)

SAS is a statistical software platform for predictive analysis, data management, advanced analytics, and more. With R in SAS, users can find natural groups of data for cluster analysis that are essential to data mining. This instructor-led, live training (onsite or remote) will teach participants to make data-driven decisions to help to improve business operations by using cluster analysis for data mining through R syntax.

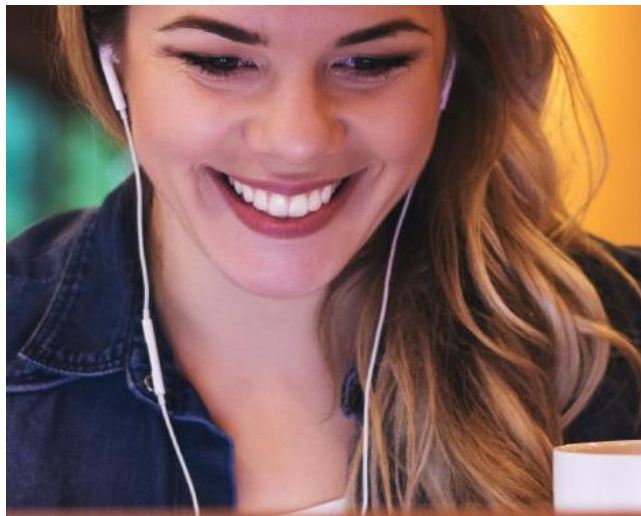
Programming with R

R is an open-source free programming language for statistical computing, data analysis, and graphics. R is used by a growing number of managers and data analysts inside corporations and academia. R has also found followers among statisticians, engineers and scientists without computer programming skills who find it easy to use. Its popularity is due to the increasing use of data mining for various goals such as set ad prices, find new drugs more quickly or fine-tune financial models. R has a wide variety of packages for data mining.



NobleProg

The World's Local Training Provider



Algorithmic Trading with Python and R (2 days)

Algorithmic trading is the practice of implementing pre-programmed instructions for placing trades. In theory, with algorithmic trading users will be able to achieve profits at a frequency not possible for a human trader. This instructor-led, live training (onsite or remote) is aimed at business analysts who wish to automate trade with algorithmic trading, Python, and R.

Introduction to Data Visualization with R (4 days)

This course is intended for data engineers, decision makers and data analysts and will lead you to create very effective plots using R studio that appeal to decision makers and help them find out hidden information and take the right decisions

Anomaly Detection with Python and R (2 days)

Anomaly detection is the identification of extreme values that deviate from an overall pattern on a data set. Using Python and R in SAS, users can implement anomaly detection algorithms for identifying anomalies in big data. This instructor-led, live training (onsite or remote) is aimed at data scientists and data analysts who wish to program in R and Python in SAS to carry out anomaly detection.

Deep Learning for Finance with R (4 days)

Machine learning is a branch of Artificial Intelligence wherein computers have the ability to learn without being explicitly programmed. Deep learning is a subfield of machine learning which uses methods based on learning data representations and structures such as neural networks. In this instructor-led, live training, participants will learn how to implement deep learning models for finance using R as they step through the creation of a deep learning stock price prediction model.

"This is one of the best hands-on with exercises programming courses I have ever taken."

Laura Kahn

Course: Data Analysis, Distributed AI & NLP

Natural Language Processing with R (3 days)

This instructor-led, live course centres around extracting insights and meaning from this data. Utilizing the R Language and Natural Language Processing (NLP) libraries, we combine concepts and techniques from computer science, artificial intelligence, and computational linguistics to algorithmically understand the meaning behind text data. Data samples are available in various languages per customer requirements, so participants will be able to prepare data from disparate sources, to analyse and report on the significance of the outcomes.

HR Analytics for Public Organisations (2 days)

This instructor-led, live training (onsite or remote) is aimed at HR professionals who wish to use analytical methods improve organisational performance. This course covers qualitative as well as quantitative, empirical and statistical approaches.

