NSE Academy

Grant Thornton

DATA ANALYTICS USING R

	TYU division			FRT division		
GHT	254	550	254	274	154	415
RDW	650	320	754	273	825	154
TRG	241	450	144	364	954	174
RTG	254	650	874	657	125	274
WEF	784	145	124	752	741	759
HRT	453	784	954	241	741	345

Inaugural Price
₹ 12,000/-
Plus Taxes

Duration of 25 Hours
access anytime and anywhere

Online Self-Paced
Learn at your convenience

1-Year of Access
Get LMS access for one year

Completion Certificate
Jointly issued by NAL & GT Bharat

Online Query Support
Through LMS, by SME within 48-Hrs

Organizations see data as an asset. Managed well, data can help define long-term business strategy, enhance systems and streamline business processes, better manage risks out of the business and help gain a competitive advantage.

This program will help learners to understand how to transform data into business and operational insights, maximize the value of data for an organization, rapidly analyze thousands of curated data sets and develop reporting dashboards that enable easier access to data.

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Enroll Now!

Module 1: Introduction and Programming

1. Introduction to Data Analytics
2. Introduction to R
   a. R programming
   b. R programming - Case Study
   c. Customer Churn

Module 2: Statistics and Visualization

1. Data Visualization: Various graphs, charts
2. Data Visualization: Advance
3. Descriptive Statistics: Basic statistical techniques including data properties: Hypothesis testing DPLYR package.
4. Linear Regression Model
5. Multinomial Linear Regression - Case Study
6. Logistic Regression
7. Multinomial Logistic Regression
   a. Multinomial Logistic Regression - Case Study

Module 3: Advance Methods

1. Introduction to Artificial intelligence, ML and Deep learning
2. Neural Networks
3. Support Vector Machines (SVM)
4. Support Vector Machines (SVM) - Case Study
5. Decision Tree
6. Random Forest
7. K-nearest Neighbors
8. K-nearest Neighbors - Case Study
9. Clustering (K Means)
10. Principle Component Analysis
11. Principle Component Analysis - Case Study

ADVANCED E-LEARNING COURSES

CO-CERTIFIED BY GRANT THORNTON & NSE ACADEMY

Get ready with specialized skills sets in advance analytics and technologies.

Courses designed by professionals at Grant Thornton

In-course exercises files to help apply knowledge in real-world situations.

Joint certificate will be awarded by Grant Thornton & NSE Academy upon completion.

Grant Thornton & NSE Academy, self-paced courses are designed to impart practical knowledge and skills to the learners. The programs are helpful to those individuals who aim to build or advance careers in specialized domains like Finance & advanced technologies like Blockchain, Analytics, Cyber Security, and Taxation.

About Grant Thornton Bharat LLP

Grant Thornton Bharat (GT) is truly a global organization with 62,000+ people in more than 130 countries. No matter, how big the organization or the international challenges you face, GT has the resources to match and provide solutions. The organization has member firms in over 130 countries worldwide. It is ranked one of the top six firms in 88 markets around the world and established in all major business centres and emerging markets.

The organization serves India region with 13 offices in all major cities with more than 15,000 people.

About NSE Academy

NSE Academy Limited is a wholly owned subsidiary of the National Stock Exchange of India Limited (NSE). NSE Academy Limited enables the next generation of BFSI and FinTech professionals with industry aligned skills – through capacity building programs and certification courses, powered by an online examination and certification system. The courses are well-researched and carefully crafted with input from the industry professionals. NSE Academy Limited works closely with reputed universities and institutions across India in building a competent workforce for the future of BFSI and FinTech. NSE Academy Limited also promotes financial literacy as an essential life skill among youngsters – a contribution towards financial inclusion and wellbeing. For more information visit: https://www.nseindia.com/

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