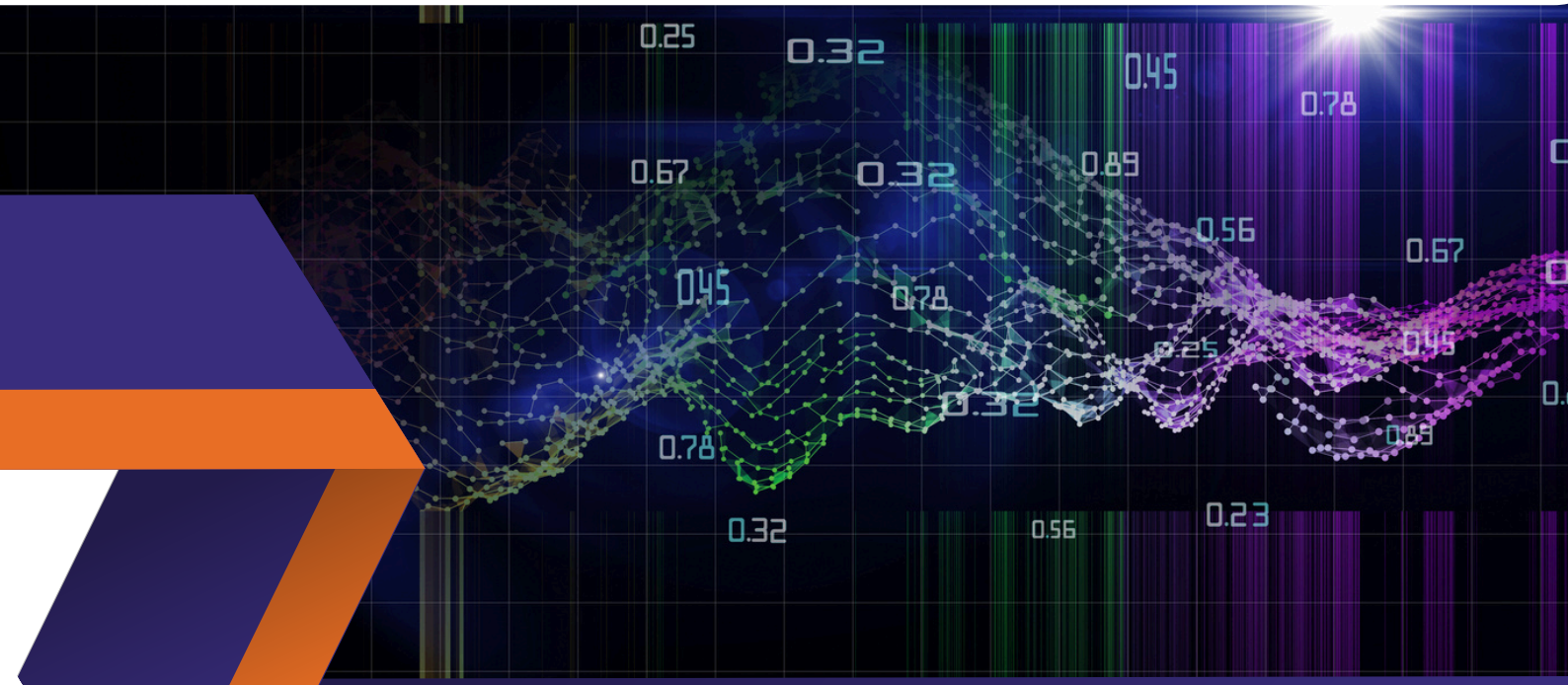
NSE Academy

Grant Thornton



3-Course Series

- Business Intelligence (Using Power BI & Tableau)
- Data Analytics using R
- MS Excel Essentials

Online Self-Paced Course

DATA ANALYSIS & VISUALIZATION

THEMED TRACK

Duration of 63 Hours
access anytime and anywhere

1-Year of Access
Get LMS access for one year

Completion Certificate
Jointly issued by NSE Academy & Grant Thornton Bharat

Prgram Fees
Rs 12,750/-
+Taxes*

Enroll Now!

Business Intelligence (Power BI & Tableau)

Module 1: Introduction

Module 2: Power BI

Module 3: Tableau

Module 4: Software Support

a. Support Material

b. Final Assessment

c. Power BI and Tableau Instructions

d. Software Download Instructions

Data Analytics using R

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

MS Excel Essentials

Module 1: Excel Functions 1

1. Introduction to Excel
2. Fundamentals of Excel
3. Cell Freezing and Referencing
4. Paste Special
5. Conditional Formatting
6. Sorting, Filter, SUM and SUMIF
7. COUNT, COUNTIF and COUNTIFS
8. Average, Max, Min, Median and CAGR

Module 2: Excel Functions 2

9. Rounding Function – ROUNDUP and ROUNDDOWN
10. Text Functions
11. Advance
12. Charts
13. Group and Ungroup
14. Subtotal
15. Sum Product

Module 3: Excel Functions 3

16. Large and Small
17. Text to Column
18. What if analysis – Data Table
19. IRR and NPV
20. PPS – Choose Function
21. Transpose
22. Pivot Table
23. Analytics

Module 4: Excel Functions 4

24. Query Editor
25. Power Query 2
26. Power Query 3
27. Power Query 4
28. Index and Constitutional Columns
29. Grouping and Aggregating Data
30. Power Query 5

Module 1: Excel Functions 5

31. Introduction to Data Models
32. Primary Key, Foreign Key, Data table and Lookup
33. Creating Relationships
34. Hierarchies
35. Power Pivot
36. Dashboards

NSE Academy

Grant Thornton

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.

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.

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.

Contact Details

Counsellor 1 : +91 7758832162
Counsellor 2 : +91 9137662466

gen_pdp@nse.co.in

Special Price:
₹12,750/- + Taxes
REGISTER & PAY NOW

Disclaimer

- It is clarified that NSE Academy does not, in any manner whatsoever, assure, warrant, guarantee, or promise any job/placement/advancement to any Participant. Under no circumstances, NSE Academy shall be held responsible/liable for failure on the part of the Participants to pass / successfully clear the interview process or the requirements to successfully secure a job.
- The information here can be used only by NSE Academy Ltd. It may not be reproduced in whole, or in part, nor may any of the information contained therein be disclosed without the prior consent of the authorized representatives of "NSE Academy Ltd." except within the organization.
- Any form of reproduction, dissemination, copying, disclosure, modification, distribution, and or publication of this material is strictly prohibited.
- All the courses are administered by the NSE Academy Ltd and Grant Thornton Bharat LLP. The participants need to complete certificate criteria
- independently to be eligible for the respective certificates.
- The Course Content/Outline mentioned herein is indicative and may be modified by NSE Academy in the best interest of the participants.
- The fee paid is non-transferable and non-refundable.