



DATA ANALYTICS USING PYTHON



Duration of 40 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

Inaugural Price

₹12,800/-

Plus Taxes

Data science is an interdisciplinary academic field that combines statistical analysis, machine learning and computer science to extract valuable insights from data. With the increasing demand for data-driven decision-making and the rise of big data, data science has become a critical component of many industries. It integrates domain knowledge from any sector, making it a versatile and powerful tool for businesses of all kinds. Python is one of the most popular programming languages used by data scientists, supporting object-oriented, structured and functional programming paradigms. Earning a Python certification demonstrates a high level of proficiency in the data science field.



shivkants@nse.co.in



+91 86556 47391



Program Website

Enroll Now!

Course Content

Module 1: Basic Python

1. Getting started with Python
2. Data and information management with Python Containers in Python
3. Conditional statements and control structures
4. Functions in programming
5. Functional programming in Python
6. Exceptions handling in Python
7. Python advanced topics
8. Python projects to check the knowledge
9. File handling and other OS interactions

Module 2: Python for Data Science

1. Lecture on introduction to Vectors, Matrices, and NumPy
2. Lecture on introduction to Data Frame manipulation series
3. Introduction to Data Frame manipulation
4. Data Frame manipulation
5. Date and time data frame manipulation
6. Lecture on Pandas internal commands
7. Lecture on visualization in Python
8. Lecture on visualization in Python part 2
9. Lecture on understanding Seaborn from scratch
10. Lecture on exploratory data analytics case study Chipotle

Module 3: Stats for Python

1. Basic statistics
2. Basic statistics
3. Probability theory



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/>

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.