

## Frequently Asked Questions

### **Q1. What is special about this Certificate Programme in Data Science (Securities Markets) Programme?**

Data has become an integral part of decision-making in the modern age. In order to effectively leverage the power of data, professionals need to have expertise in various data processing techniques and tools. The Certificate Programme in Data Science (Securities Markets) is a one-of-a-kind program that equips students with the necessary skills to apply data analytics in the financial markets. Whether it's for product engineering, investment decisions, research, advisory, or any other area, our program provides a comprehensive understanding of how to use data to make informed decisions.

Our data science program is designed for individuals who have a passion for data analytics and a drive to implement it in the financial markets. The program offers a unique opportunity to study in an environment that is both deeply academic and inspiringly professional, yet refreshingly friendly. With a focus on practical applications and real-world scenarios, students gain hands-on experience using the latest tools and techniques to analyse financial data. Whether you are looking to advance your career or start a new one, our program will provide you with the skills and knowledge necessary to succeed in the exciting field of data science in financial markets.

### **Q2. What is the structure of the Programme?**

Certificate Programme in Data Science (Securities Markets) is online live course divided into two parts, foundation (Level 1) and advance (Level 2).

Basic - Six-months duration and live online classes will be on weekdays evenings (7:00 pm to 9:15 pm) as well as on weekends [Saturdays (6 p.m. to 9:15 p.m.) and Sundays (10 a.m. to 5 p.m.)].

Advance - Eight-months duration and live online classes will be on weekdays evening (7:00 pm to 9:15 pm) as well as on weekends [Saturdays (6 p.m. to 9:15 p.m.) and Sundays (10 a.m. to 1:15 p.m.)].

### **Q3. Can I do only one level?**

Yes, you can enrol for any one or both level of the program subject to the eligibility of admission.

### **Q4. What will I learn in this Programme?**

The Programme offers a robust mix of financial markets and application of technology, which would help to improve quality of decision making in financial markets. The topics covered in the programme include Introduction of securities markets, Econometrics & Time Series Analysis, Data Mining, Machine Learning, Algorithmic Trading, Big Data Processing & Visualization, Financial Analytics and much more. The Programme combines academic elegance and business relevance to facilitate the participants to learn modalities of various financial products, followed by analytical techniques and weaves them with applications for data-based decision making. For detailed curriculum, click here

### **Q5. Does this Programme provide any practical exposure?**

The Programme provides exposure to Data Science and Analytics tools where the participants get hand-on experience on R, Tableau and Python. The lectures and hands-on sessions will be delivered by eminent faculty and industry experts who provide the necessary practical exposure.

### **Q6. Where will this Programme lead to?**

This program could lead to the following job profiles, which involves the fusion of data science techniques and financial analytics:

- Credit Research and Ratings
- Investment Evaluation and Portfolio Management
- Risk Modelling
- Claim Processing
- Fraud Detection
- Analysing Financial Statements
- Equity Research

**Q7. What are the eligibility criteria for this Programme?**

To apply for this programme, the minimum educational requirement is:

Basic Level- 12th standard with minimum 50% marks (Maths as a subject) from any recognized board.

Advance Level- Graduation in any stream from a recognized University/Institute. OR ☐ Candidates who have successfully completed any program in the area of Data Science of a minimum six months duration with minimum 50% marks.

**Q8. I am a working professional. Will I be able to pursue this Programme?**

Yes. The classes for the programme are scheduled on two weekdays evening and weekends – on Tuesday and Thursday evening (7:00 pm to 9:15 pm) as well as on weekends [Saturdays (6 p.m. to 9:15 p.m.) and Sundays (10 a.m. to 1:15 p.m.)].

The Academic Calendar has been designed suitably keeping in mind the requirements of working professionals.

**Q9. I don't have prior understanding on financial markets. Will this Programme suit me?**

The curriculum has been appropriately structured to provide a basic understanding of financial markets, institutions and products. This will create a level playing field amongst participants from diverse backgrounds. The programme will feature subjects on Financial Economics, Financial Products and Institutions, Financial Derivatives, etc. to give a fundamental understanding in these areas, over and above data science related subjects.

**Q10. Is there any upper age limit for this Programme?**

No, there is no upper age limit to pursue this program.

**Q11. What is the selection criteria?**

The selection of candidates will be based on a screening test.

Upon successful completion of the basic level, students will be eligible to directly enrol in the advanced level. Students who opt to directly enrol in the advanced level (without completing the basic level) will need to undergo a separate screening test.

The screening test will cover the following syllabus:

- Number System
- Profit and Loss
- Simple Interest
- Compound Interest
- Elementary Statistics & Data Interpretation.
- Differentiation
- Estimation
- Optimization

The screening test will be conducted online and will last for 60 minutes, with 30 questions. There will be no negative marking.

**Q12. What is the fee for this Programme?**

The consolidated programme fee for Post Graduate Program in Data Science Foundation Level-1 is Rs. 49,200/- (Rupees Forty-Nine Thousand and two hundred only). The break-up of the fees is as follows:

Tuition fee 40,000

GST @18% 7200

Alumni fund 2000

Total 49,200

Due Date Within 7 calendar days from the issue of Offer Letter

**Advance Level 2**

The consolidated programme fee for Post Graduate Program in Data Science (Basic Level) is Rs. 99,500 (Ninety-nine thousand and five hundred only). The break-up of the fees is as follows:

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Tuition fee- 82,627/-

GST @18%- 14,873/-

Alumina Fund- 2,000/-

Total- 99,500/-

Due Date is Within 7 calendar days from the issue of Offer letter. Expenses incurred towards traveling will be borne by the individual student only.

\*Above Fee is inclusive of 2 days lodging and Boarding charges at NISM Patalganga Campus. All expenses towards traveling will be borne by the students only. Attending two days of training at the Patalganga campus is optional for out-station candidates.

**Q13. How can I apply for the Programme?**

Candidates willing to apply should first register themselves on <https://apply.nism.ac.in/cpds>

Step 1: New Registration: Upon successful registration, a User-ID and Password will be sent to registered email ID and mobile number of the candidate.

Step 2: Application process: Thereafter, candidates are required to log-in and complete the application process by paying application fee. After making the payment of application fee of Rs. 500/- the candidates may submit their application.

\*Above charges are exclusive of Payment Gateway charges & Procession fee as applicable.

**Q14. What is the application fee? Where can I pay it?**

The application fee is Rs. 500/-. The fee can be paid in <https://apply.nism.ac.in/cpds-advanced-application-form> upon completion of the application form, using Debit Card/Credit Card/Net Banking. The entire application process, including payment of application fee, is online.

**Q15. What is the last date to apply?**

The last date to apply is 01st February 2024. The application form and the payment of the application fee – both have to be completed before this date. Click here to <https://apply.nism.ac.in/cpds-advanced-application-form>

**Q16. When will the Programme commence?**

The Programme will commence on 16th March 2024

**Q17. Is distance learning available for this Programme?**

Distance learning is not available for this program. It is online instructor led program.