

# NIIT

STACK  
ROUTE

It's your time to shine as a  
Data Science Professional!



## Advanced Post Graduate Program in Data Science and Machine Learning

Get Skilled for Local and Global Career Opportunities

# About NIIT

NIIT, a leading education provider, is a skills and talent development corporation that is building a manpower pool for global industry requirements. It ranks amongst the world's leading training companies owing to its vast and comprehensive array of futuristic programs.

For over 40 years, we have taken pride in creating career opportunities for students from different walks of life. We have trained millions of students in more than 30 countries. Our expertise in content development, training delivery and education process management make us the most preferred training partner.

A world-leading, technology-driven, skill development organisation that is the first choice of smart students and professionals.

At NIIT, we believe that our actions speak louder than words.



**Present across  
30 countries**



**35 Million +  
Learners Worldwide**



**India's Most Trusted  
Educational Brand**

# About StackRoute

Established in August 2015, StackRoute®, an NIIT initiative, is a suite of continuing education programs that target high-demand jobs in technology. Our mission is to enable students with high-quality, practitioner-led, immersive learning that prepares them to be job-ready from day one. As a deep-skilling, talent transformation partner on digital, StackRoute works with large global IT organizations, Global Incubation Centers & Product companies.

StackRoute was awarded the Brandon Hall Group HCM Excellence Award 2020, jointly with a leading independent IT and business consulting services firm. The Gold medal has been awarded under the 'Best Use of Blended Learning' category for the Graduate Transformation Program. Additionally, it has won the Brandon Hall Silver Award for 'Best Results of a Learning Program' jointly with the world's leading engineering company in aerospace.



# About Fraunhofer



The Fraunhofer IAIS, is part of the Fraunhofer-Gesellschaft, headquartered in Germany, which is the world's leading applied research organization. The Fraunhofer IAIS is a scientific institute in the fields of Artificial Intelligence, Machine Learning, and Big Data delivering new products, services, processes, and structures for companies and organizations.

## About The Program

Earn a minimum CTC of ₹8LPA\* and become a StackRoute certified Data Science Practitioner with job-ready expertise in Data Analysis, Data Visualization, Machine Learning, Deep Learning, Data Forecasting, Predictive Modeling, and Natural Language Processing (NLP) with this **Placement Assured Program\***.

## Key Specializations

Data Analysis and Visualization with Excel and Python, Data Management with RDBMS, Data Engineering, Business Intelligence on Tableau, Predictive Analytics and Forecasting with Machine Learning, Machine Learning Automation, Algorithmic Data Extraction with Natural Language Processing, Introduction to Deep Learning fundamentals, and more.

## Job Opportunities

Data Analyst  
Business Analyst  
Jr. Data Scientist



\*T&C Apply.

\*Subject to meeting relevant criteria post successful completion of the program.  
Past track record is not indicative of future job prospects.



# Program Curriculum

## Level 1 (Week 1- 6)

- Analyze discrete data and structured data using Excel
- Apply descriptive and inferential statistical tools and techniques
- Summarize and represent data visually using graphs, charts, and pivot tables
- Work with RDBMS to store, retrieve, manipulate and analyze data
- Write Python programs to do data analysis using Python libraries such as Pandas, NumPy

## Level 2 (Week 7-12)

- Source, validate, clean, store, and query data and perform data analysis
- Create data dashboards & visualizations using Tableau
- Slice and dice data to generate hypotheses
- Use statistical tools to validate a hypothesis
- Apply story-telling techniques using data to engage with stakeholders and help in data-based business decision-making
- Create data and ML models for business forecasting and predictive analytics

## Level 3 (Week 13-18)

- Modelling data using machine learning tools and techniques
- Analyse unstructured textual data
- Construct, define and validate the ML models for supported/automated decision making
- Use NLP to analyze textual data
- Introduction to Deep Learning
- Complete a project including ML modelling: Business understanding ->; Data preparation ->; Data Analysis -> Prepare ML model ->; Deploy ML Model ->; Demo & Present Insights

## Programming Languages And Tools Covered

---





# The NIIT Advantage

## Be Day-1 Job-Ready

Build an impressive portfolio with capstone projects

## 1:1 Mentorship

Get unparalleled mentorship from our expert faculty with highly hands-on personalized feedback to learners

## Mastery Learning

Achieve mastery with our individualised and group-based learning pedagogy

## Practitioner Designed

Solve non-trivial challenges that are practitioner designed with real-life situations

## Master Skills & Tools

Confidently join Data Science teams with skills in Data Analysis & Visualization, ML, Forecasting & Predicting Models, NLP & more

## Build All Round Competency

Acquire technical, engineering, and professional skills & become a confident industry-ready DS/ML professional

## Grow Your Network

Tap into the acclaimed NIIT-StackRoute alumni network

# Leverage End-To-End Career Support



## Complete Grooming Process

360-degree grooming process to get you started with confidence. This initiative ensures 6 types of input and quality checks before you start attending interviews.



## Profile Matching

We assist you in matching your profile with appropriate job openings for early selections.



## Individual Grooming

Get personalized tips on grooming, polishing your interview skills, resume building and other areas of improvement.



## Company-Specific Preparation

Get company-specific input and guidance and access to a repository of interview questions for complete preparation.



## Interview Feedback

Obtain feedback on interview performance so that you can improve and be ready for the next interview.



## Salary Negotiation

Once you receive an offer, we help you negotiate with clients for the best salary as per industry standards.



# Program Details

<b>Program Start Date</b>	Please visit our website for more details <a href="https://bit.ly/NIITAdvancePGPDataScience-FullTime">https://bit.ly/NIITAdvancePGPDataScience-FullTime</a>
<b>Duration</b>	18 weeks
<b>Mode</b>	Online Mentor-Led
<b>Program Fee</b>	2,25,000/- (Excluding GST @ 18%) Flexible payment options available
<b>Program Eligibility</b>	10th & 12th Std. $\geq 50\%$ marks Graduates with $\geq 50\%$ marks
<b>Placement Eligibility</b>	Eligibility for Job Assurance: Aptitude test score: $\geq 50\%$ , Age < 25 years  Eligibility for Job Assistance: Aptitude test: no score or <50%, Age 25-28 years  Career Guidance Support: For learners >28 years of age  Successful completion of the program is mandatory for any of the placement services.  Placement Assurance is only applicable for STEM Graduates.
<b>Min. CTC Eligibility Criteria*</b>	Band 1 - Learners who graduate from the Top 300 colleges listed under NIRF with $\geq 50\%$ marks are eligible for a min. CTC of Rs.8LPA  Band 2 - Learners who graduate from other colleges with an academic score $\geq 60\%$ across X, XII & graduation are eligible for a min. CTC of Rs. 7LPA.  Band 3 - Learners who graduate from other colleges with $\geq 50\%$ marks are eligible for a min. CTC of Rs.5LPA.
<b>Admission Process</b>	Apply via our easy 3-step process.  After the submission of the application form, students will have to go through a screening process post which they can directly enrol into the program by paying the applicable fee.  The screening process includes an Aptitude Test and English Test.



# Payment Plans

## Upfront Payment

Program Fee: Rs 2,25,000 + 18% GST  
Payable 7 days prior to the start of the batch

---

## No Cost EMI Plans

Program Fee: Rs 2,25,000 + 18% GST  
Payable at the time of booking a seat in the batch

Booking Fee: Rs 22,500 + 18% GST  
Payable on selection confirmation

Balance Fee: Rs 2,02,500 + 18% GST  
Please pay the balance fee within 7 days from the booking date or within 7 days before the batch start date, whichever is earlier.

Loan Amount: Rs 2,38,950 (Balance Fee + 18% GST)

### EMI Duration - EMI

6 Months - Rs 39,825

9 Months - Rs 26,550

12 Months - Rs 19,913

---

## EMI Plans

Program Fee: Rs 2,25,000 + 18% GST  
Payable at the time of booking a seat in the batch

Booking Fee: Rs 22,500 + 18% GST  
Payable on selection confirmation

Balance Fee: Rs 2,02,500 + 18% GST  
Please pay the balance fee within 7 days from the booking date or within 7 days before the batch start date, whichever is earlier.

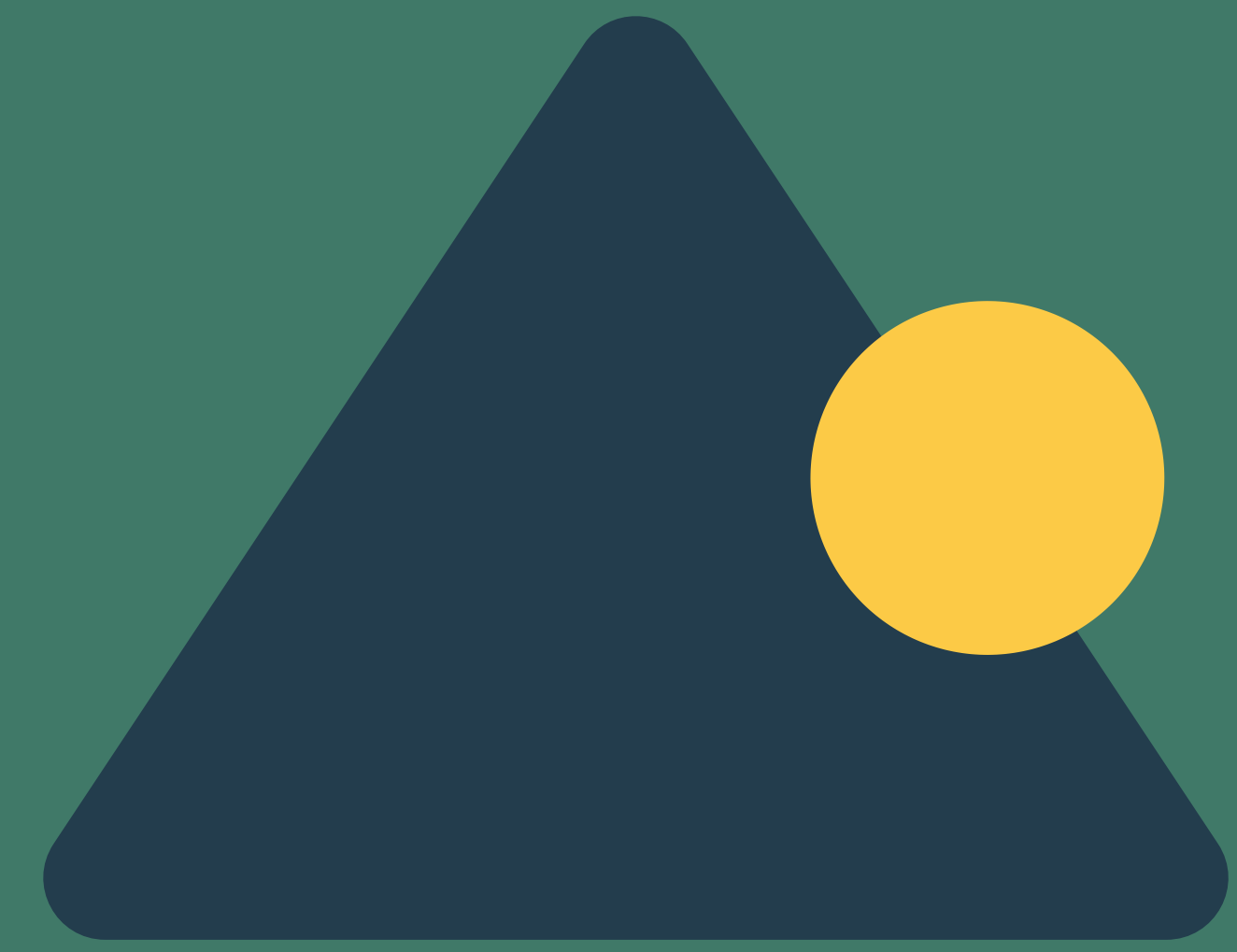
Loan Amount: Rs 2,38,950 (Balance Fee + 18% GST)

### EMI Duration - EMI

15 Months - Starting at Rs 16,727

18 Months - Starting at Rs 14,072

24 Months - Starting at Rs 10,753



# Explore Our Data Science Program Lineup

Advanced Post Graduate Program in Data Science and Machine Learning

Full Time

Advanced Post Graduate Program in Data Science and Machine Learning

Part Time

Data Science Foundation Program

Full Time

Data Science Foundation Program

Part Time

For further details, call us at 1800 3000 6448 or [visit www.niit.com](http://www.niit.com)

