

# NIIT

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Drive your  
career forward  
with Data Science!



## Advanced Post Graduate Program in Data Science and Machine Learning (Part-Time)

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 organisations, 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, part of the Fraunhofer-Gesellschaft headquartered in Germany, is the world's leading applied research organization. It 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.

**This program is co-designed, co-developed and co-certified with Fraunhofer.**

## 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\***.

**The program is for Data Science Level 2 and 3 only.**

## Key Specializations

Data analysis and visualization using Excel, programming using Python, using RDBMS, data analytics using Python, prepare & store data, create data dashboards & visualization using Tableau, business forecasting and predictive analytics using ML, analyze text using NLP, introduction to Deep Learning, and create & deploy ML models to support automated decision making.

## 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

## Part 1: Essentials Of Analytics/Analytics Foundation

- Analyze discrete data and structured data using Excel
- SQL
- Python Programming
- Python for Data Science
- Statistics using Python
- Exploratory Data Analysis

## Part 2: Data Modelling, Visualization and Storytelling

- Unstructured Data Analysis (Web Scraping and MongoDB)
- Data visualization using Tableau + 2 hackathons
- Machine learning (supervised & Unsupervised)
- ML optimization
- ML Hackathon / Project (including presentation)

## Part 3: Prediction and Forecasting

- Time Series Analysis
- Text Analysis using Spacy
- Introduction to Neural Networks & Deep Learning
- Capstone Project
- Project Presentation & Review

## Programming Languages And Tools Covered

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# 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 individualized 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

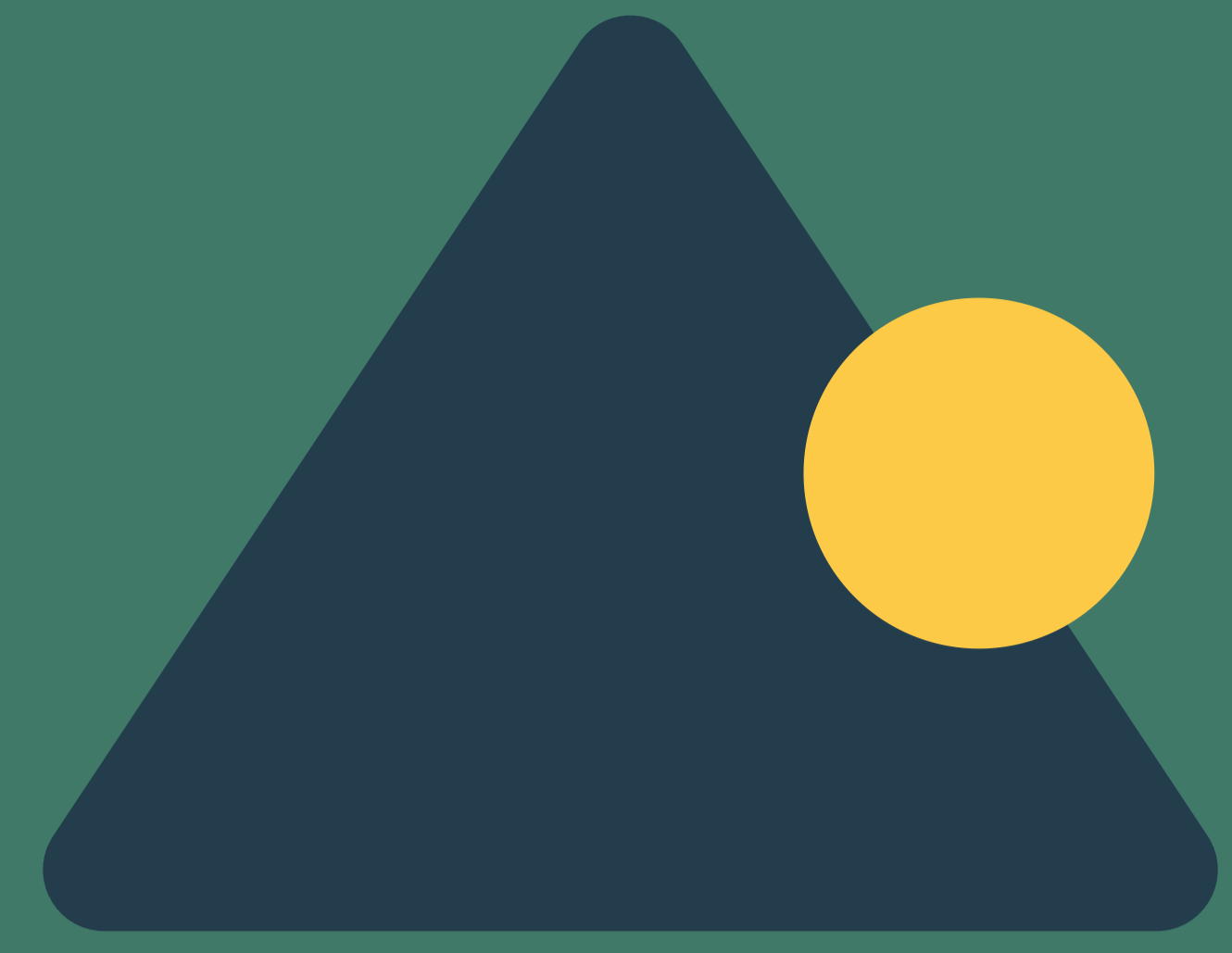
Once you receive an offer, we help you negotiate with clients for the best salary as per industry standards.

# Program Details

<b>Program Start Date</b>	Please visit our website for more details <a href="https://www.niit.com/india/pg-in-data-science-machine-learning-part-time-course">https://www.niit.com/india/pg-in-data-science-machine-learning-part-time-course</a>
<b>Duration</b>	50 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 Graduate Degree with $\geq 50\%$ marks Learners need to clear a test on Data Analysis & Visualization using Excel & Python (Learners that have successfully completed our DS Foundation program are exempt from this test)
<b>IT technical skills required to join this program</b>	Learner must demonstrate skills in statistical techniques, data analysis and visualization using Excel, data analysis using Python and its libraries - Pandas, NumPy and using RDBMS as a data source.
<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

<b>Upfront Payment</b>	Program Fee: Rs 2,25,000 + 18% GST Payable 7 days prior to the start of the batch
<b>No Cost EMI Plans</b>	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) <b>EMI Duration - EMI</b> 6 Months - Rs 39,825 9 Months - Rs 26,550 12 Months - Rs 19,913
<b>EMI Plans</b>	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) <b>EMI Duration - EMI</b> 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)

