

NIIT

STACK
ROUTE

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 The Program

Become a StackRoute certified Data Science Practitioner with this part-time Advanced PGP in Data Science and Machine Learning, specially curated for working professionals. Gain job-ready expertise in Data Analysis, Data Visualization, Machine Learning, Deep Learning, Data Forecasting, Predictive Modeling, and Natural Language Processing (NLP) with this **placement-linked** program. Earn a starting salary of ₹5.00LPA*.

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**



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

Program Curriculum

Data Science Professional - Level 2 (Week 1-20)

- Source, validate, clean, store, and query data and perform data analysis
- Create data dashboards & visualizations using Tableau
- Slice and dice data to generate hypothesis
- 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

Data Science Professional - Level 3 (Week 21-40)

- Modelling data using machine learning tools and techniques
- Analyze 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

Mastery Learning

Achieve mastery with our individualized and group-based learning pedagogy

1:1 Mentorship

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

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

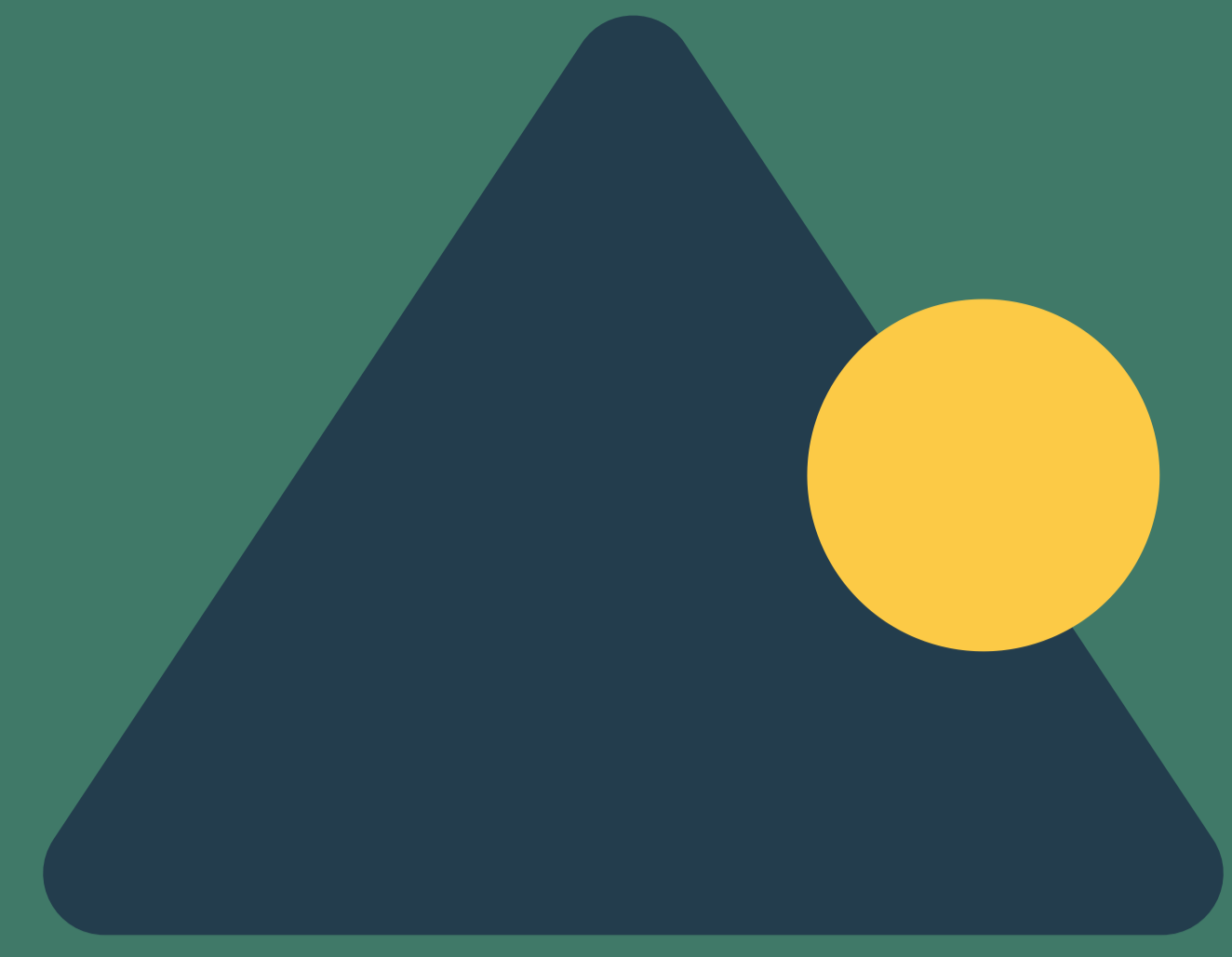
Once you receive an offer, we help you negotiate with clients for the best salary as per industry standards.

Program Details

Program Start Date	Please visit our website for more details https://bit.ly/NIITDataSciencePartTime
Duration	40 weeks
Mode	Online Mentor-Led
Program Fee	2,20,000/- (Excluding GST @ 18%) Flexible payment options available
Program Eligibility	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)
IT technical skills required to join this program	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.
Placement Eligibility	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.
Admission Process	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 2,20,000 + 18% GST Payable 7 days prior to the start of the batch
No Cost EMI Plans	Program Fee: Rs 2,20,000 + 18% GST payable at the time of booking a seat in the batch Booking Fee: Rs 22,000 + 18% GST payable on selection confirmation Balance Fee: Rs 1,98,000 + 18% GST payable 7 days prior to the start of the batch through a loan from a 3rd party lender Loan Amount: Rs 2,33,640 (Balance Fee + 18% GST) EMI Duration - EMI 6 Months - Rs 38,940 9 Months - Rs 25,960 12 Months - Rs 19,470
EMI Plans	Program Fee: Rs 2,20,000 + 18% GST payable at the time of booking a seat in the batch Booking Fee: Rs 22,000 + 18% GST payable on selection confirmation Balance Fee: Rs 1,98,000 + 18% GST payable 7 days prior to the start of the batch through a loan from a 3rd party lender Loan Amount: Rs 2,33,640 (Balance Fee + 18% GST) EMI Duration - EMI 15 Months - Starting at Rs 16,355 18 Months - Starting at Rs 13,759 24 Months - Starting at Rs 10,514



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

