

PASSIONATE ABOUT DATA?

Get career-ready with **Professional Program
in Data Analytics with GenAI**

Be Day-1 Job-Ready

97%* eligible learners placed; gain practical experience through 100+ hands-on assignments and 5 real-world projects.

Learn GenAI with real-world projects

Leverage GenAI tools for data analysis & improved productivity.

Gain Professional Certification

Trusted by 800+ hiring partners & earn a verifiable certificate.

Value. Delivered.

Learners achieved up to 400% increase in salary value on their course investment.*

Book your seat at **₹1500** + 18% GST



Professional Program in Data Analytics with GenAI

Program Details

Program Duration ¹	: 24 Weeks (4 Sprints per Week), 32 Weeks (3 Sprints per Week)
Program Eligibility ²	: Final-year students or recent graduates and working professionals from the following programs: Undergraduate Streams: B.E., B.Tech, BCA, B.Sc, BBA, B.Com., B.A. - or equivalent bachelor's degrees in any discipline. Postgraduate Streams: MBA, M.Tech, M.S., MCA, M.Sc. - or equivalent master's degrees across disciplines. Academic Performance: Aggregate score of 50% or above across 10th, 12th, and Graduation (or till the last completed semester for current final-year students). Studied Maths till Grade 12th.
Program Fee ³	: ₹99,000 + 18% GST
Mode of Learning ⁴	: Live Mentor-led Online Classes. Medium of Instruction will be English
Placement Assistance Eligibility ⁵	: Up to 3 Job Selection Opportunities: • Age: <28 Years • Completed Graduation

Program Curriculum

Data Analytics and Storytelling using Excel	Learn Excel fundamentals, data cleaning, visualization, PivotTables, and basic statistical analysis. Apply data storytelling techniques with engaging narratives.
Data Analytics and Managing Data using SQL	Learn to design databases using ER diagrams and apply normalization techniques. Create, update, and retrieve data stored in MySQL (RDBMS) database. Use Structured Query Language (SQL) to perform various operations on the database. Create triggers and stored procedures on the database. Ensure data consistency using transactional management.
Data Analytics and Automation using Python	Learn essential coding skills for problem-solving, automation, and data analysis. Covering Python basics, OOP, and data handling, it introduces NumPy, Pandas, and API for GenAI integration. By the end, learners can apply Python in data science, automation, and AI.

Exploratory Data Analysis with Python and GenAI

Use NumPy and Pandas libraries in Python to perform data analysis. Connect Python program to databases to retrieve and manipulate data. Apply the best practices of EDA in a systematic way (Univariate, Bivariate and Multi-variate Analysis) along with statistical concepts. Present the result of this analysis visually. Use GenAI tools for exploring and visualizing data.

Advanced Data Visualization and BI with Power BI

Extract, clean, and transform data using Power Query and ETL techniques. Build optimized data models and apply DAX for deep business insights. Create interactive dashboards and secure reports to drive data-driven decisions.

Applied Statistical Analysis for Data Insights

Learn inferential statistics using Python to gain the skills to analyze data confidently and draw meaningful conclusions with real-world applications. Learn regression to analyze relationships within data, enabling informed decision-making.

Applied Data Analytics – Capstone

Prepare, clean, and analyze data using all skills acquired. Perform EDA, advanced visualizations and dashboards using Python and Power BI. Present the approach, solution, interpretation, summary, conclusion, limitation, and future scope to stakeholders.

Learner Testimonials



*The guidance from experienced mentors played a key role in building my technical and problem-solving skills. I'm happy to share that, thanks to this training, I have secured a position as a **Data Analyst** at **PragMath**.*

– **Jayesh Sharma**, Data Analyst



*The placement process was smooth and well-structured. I was able to crack interviews and secure a role as a **Business Analyst** at **Uneecops Business Solutions**. I am excited to begin this new chapter of my career and grateful to **NIIT** for their constant support and mentorship.*

– **Himanshu**, Business Analyst



***NIIT** is a great platform to learn and polish new skills. It has excellent faculty who guide you throughout your journey and keep you motivated. Along with your course, you go through **NIIT's placement sessions**, where you learn how to crack interviews.*

– **Pravin Patil**, Analyst



*The grooming sessions, **project-based learning**, and guidance from my mentors made me industry-ready and helped me transition into my career. With the support of the placement team and my mentors, I got selected as an **Assistant Manager**.*

– **Teja P**, Fraud Risk (Internal Audit)



Learning Outcomes

- ✓ Analyze and visualize data using Excel.
 - ✓ Use SQL to perform data analysis on a database.
 - ✓ Program using Python for automation and analysis.
 - ✓ Perform EDA systematically by applying descriptive statistical techniques and using Python libraries like Pandas and NumPy.
 - ✓ Create interactive dashboards using Power BI, effectively storytelling using data.
 - ✓ Apply statistics for inferential analysis.
 - ✓ Utilize Generative AI tools to improve productivity.
 - ✓ Complete a capstone project demonstrating analytical skills.
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Disclaimer: Program features are subject to change. For latest information refer to our website: www.niit.com

¹ Each Sprint comprises 2 hours of live mentor-led online sessions and a minimum of 2 hours of practice as per the learner's convenience. The duration of the program depends on the number of Sprints (sessions) scheduled in a week. There could be batches with different timelines; for the exact schedule and the duration of the batch, refer to the website. The batch duration mentioned is only an estimate.

² Refer [T&C](#) for more details.

³ Check our website for more payment options.

⁴ Infrastructure requirement: Access to Personal Computer of defined configuration and High-speed broadband connectivity.

⁵ Up to 3 Job selection opportunities, within 120 days from the date of moving into placement bank on successful completion of the program.

* T&C apply. Past record is no guarantee of future prospects.

TO REGISTER, CONTACT US:



1800 3000 6448



www.niit.com



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