

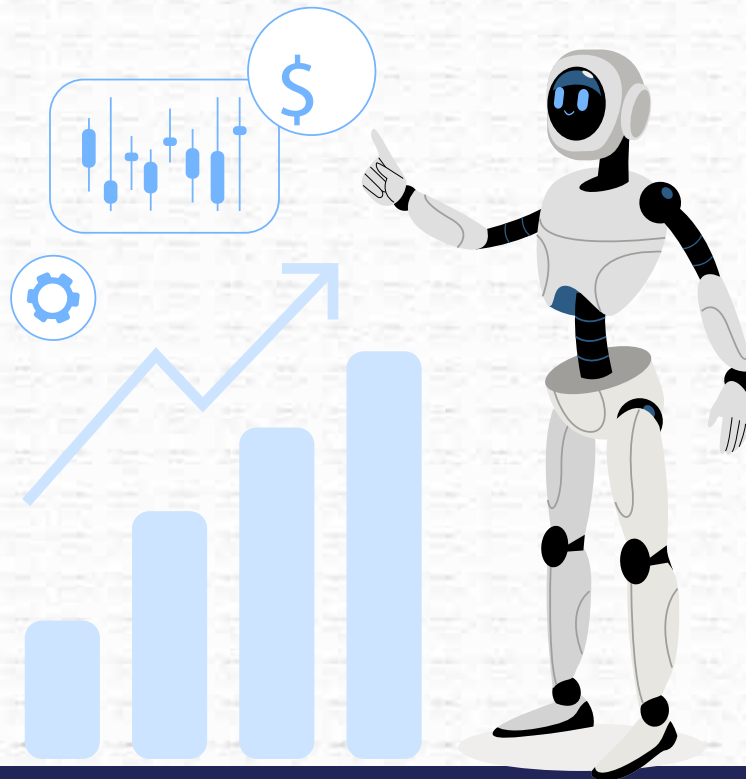


Learn

Data Analytics

With

GEN AI



Batch starts on 20th September

Course overview

260+ hours of live virtual training

**Dedicated 40-Hour GenAI Track
with Workflow Integration**

Complete mastery in just 6 months

**6 Real-Time Projects + Capstone with
AI Use Cases**

Industry Veterans as Mentors

**NASSCOM-Endorsed Curriculum +
Dual Certification**

Access to 200+ Course Skilling Library

100% Placement Assistance



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Features:

260+ Hours of expert training

A 260+ hour Data Analytics program with mentorship and placement support.

Access to Preplnsta Prime Course Lib

Learn the latest strategies and tools used by top digital marketers.

6+ Industry projects

Gain hands-on experience with real-world projects to build job-ready skills.

10 Lakh+ jobs

Unlock 10L+ job opportunities in Data Analytics with expert training and hands-on experience.



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Why choose this course?:

Learn from experts:

Courses taught by experienced professors and industry professionals.

Dual Certification: NASSCOM & Career247

Get the best of both worlds, Career247's certification and a NASSCOM certification.

Personalized learning experience

Customise your study schedule and learning pace to fit your lifestyle.

Interactive learning tools

Access to videos, quizzes, and discussions for an engaging learning experience.

24/7 Access to study material

Get access to 100+ recorded videos and assessments.

Affordable Education

Best in class training at unmatched pricing to make quality education affordable for all.



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Data Analytics Curriculum

Module 1. Data Analysis with Excel

- Introduction to Data Analysis with Excel
- Excel Functions (Basic to Intermediate)
- Conditional Formatting & Charts
- Pivot Tables – Overview & Implementation
- XLOOKUP – Overview & Use Cases
- Integrated Lab – Pivot + XLOOKUP
- Data Cleaning Techniques
- Dashboarding – Design & Integration
- Project: Sales Performance Dashboard

Module 2. Python programming for Data Analysis

- Syntax, Variables & Data Types
- Type Casting & Built-in Functions
- Control Structures – If & Loops
- Lists & Tuples
- Sets
- Dictionaries
- File Handling
- Exception Handling & Built-in Modules Overview
- Custom Modules & Import System



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- NumPy Arrays
- NumPy – Arrays, Vectorized Operations
- Intro to Pandas Series Object
- Creating and Exploring Data Frames
- Data Selection, Filtering, and Sorting
- Data Cleaning and Handling Missing Values
- Aggregation & Grouping in Pandas
- Advanced DataFrame Operations
- Data Visualization with Matplotlib
- Project – Customer Data Analysis

Module 3. Statistics and EDA

- Introduction to Statistics & Data Collection
- Measures of Central Tendency
- Measures of Dispersion
- Percentiles, Quartiles, and IQR
- Data Visualization & Univariate Analysis
- Bivariate Analysis
- Probability & Distributions
- Hypothesis Testing – Foundations
- Hypothesis Testing – Applications
- Project – Unlocking Customer Insights: A Statistical Investigation

Module 4: SQL

- DBMS Concepts & Codd's Rule
- Types of Keys & SQL Component
- Installation, Tables & Data Types
- Constraints in SQL
- Dropping, Truncating & Modifying Tables
- Basic SQL Operations
- Joins and Relationships
- Advanced SQL
- SQL Integration & Visualization
- Project – Build and Query: Design Your Mini E-Commerce Database



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Module 5: Power BI

- What is BI, Installing Power BI & Interface Overview
- Data Connectors, Import Methods & Power Query Editor
- Measures vs Dimensions, Shaping Data & Relationships
- Data Modeling & DAX Fundamentals
- DAX Operations
- Visualizations & Interactions
- Advanced Measures & Time Intelligence
- Reports, Bookmarks, Tooltips & Navigation
- Publishing, Sharing & Deployment
- Project – Business Pulse: Building a Sales Intelligence Dashboard

Module 6: Tableau Foundation

- Introduction to Tableau, Installation & Interface Navigation
- Connecting to Data Sources and Building Basic Charts
- Advanced Chart Types and Highlighting Techniques
- Geospatial Charts and Time-Series Visuals
- Dashboards, Filters and User Interactivity
- Filtering Logic, Joins, Blends and Calculations
- Project – Data Storytelling with Tableau: Visualize Customer Trends

Module 7: Generative AI in Data Analytics

- Introduction to GenAI for Data Analytics
- Prompt Engineering for Excel Automation
- Advanced Excel Analysis with GenAI
- Advanced Prompt Engineering
- Python Code Generation with GenAI
- Python Data Manipulation with GenAI
- Advanced Python Analytics with GenAI
- GenAI for Statistical Analysis & Data Preprocessing



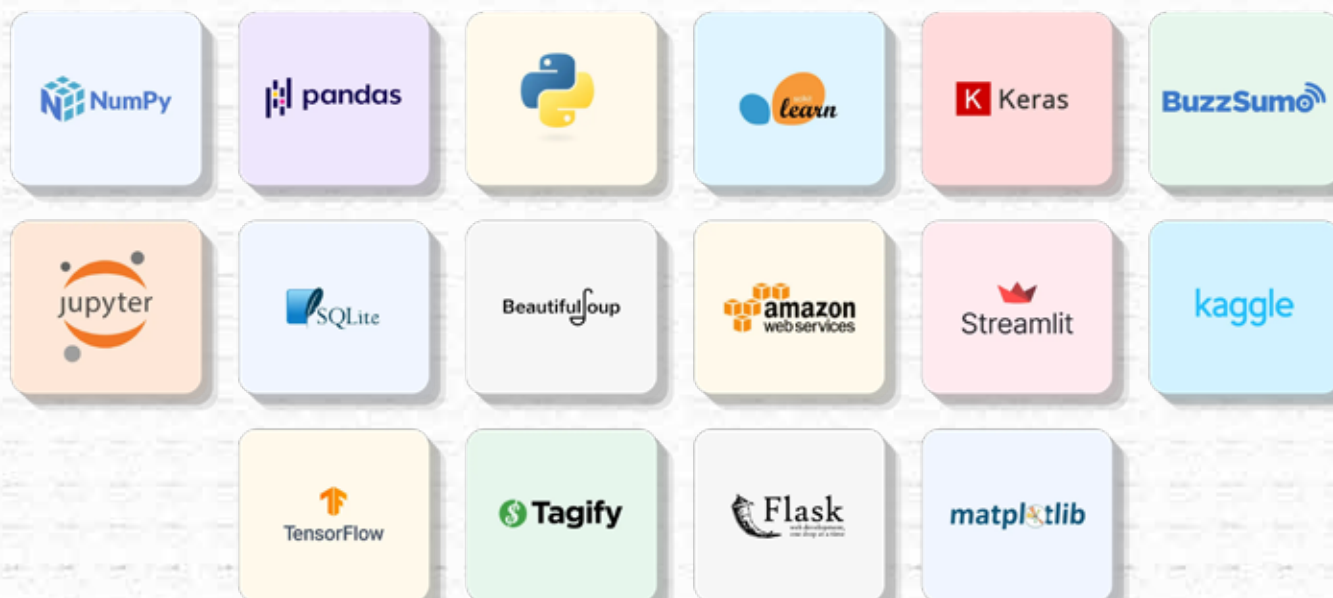
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- Automated EDA with GenAI Tools
- Data Storytelling & Narrative Generation
- SQL Query Generation with GenAI
- Advanced SQL with GenAI Optimization
- Power BI with GenAI Enhancement
- Introduction to GAMMA.app for Presentations
- Tableau Automation with GenAI

Module 8: Placement preparations.

- Aptitude Training- Core Quant + Smart Arithmetic
- Aptitude Training - Visual + Verbal Reasoning Mash-up
- Aptitude Training - Decision-Making & Probability
- Grammar and Comprehension
- Communication Skills
- Resume Building
- LinkedIn Profile Optimisation
- Interview Preparation
- Mock Interviews - HR
- Mock Interviews - Domain

Tools you will Learn



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Projects you will do

Sales Data Analysis

1

**Financial Performanc
Dashboard**

2

UPI Transaction Analysis

3

**Insurance Transaction
Analysis**

4

Black Friday Sales Prediction

5

Delivery Tracking Dashboard

6



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Get free access to 200+ skilling courses



Data Analytics course Demo videos

Watch the preview of our Data Analytics course through engaging demo videos.

Demo video 1: youtube.com/watch?v=unfAftxEvIs&feature

Demo video 2: <https://youtu.be/Z-oUeh9WeU0>

Demo video 3: <https://youtu.be/Hn8E2IUCBZg>

Demo video 4: <https://youtu.be/S7MrWxbTHZQ>



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Placement Assistance Process

Resume building and interview preparation skills workshop. Mock interviews with technical and soft skill assessments. Access to library of company specific assessments wherever applicable. Placement qualification to access Career services team for potential job opportunities.

Placement qualification is necessary to access the Career Services Team.

Job opportunities depends upon market conditions, hiring trends, and candidate performance and feedback

Qualification criteria to access career services:

80% passing criteria across all assessments and projects

Passing the mock interview sessions by respective faculty/mentor

80% attendance across our programs

Excellent academic scores with more than 60% and above across graduation marks

Experience between 0-3 years preferably in technology or data management domain



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Who should do Data Analytics Course

Aspiring analysts

Individuals looking to start a career in data analysis or analytics-related fields.

Career changers

Professionals from non-technical backgrounds eager to transition into the high-demand field of data analytics.

IT engineers and graduates

Students or professionals with technical degrees who want to specialize in data analysis.

Upskilling professionals

Those in adjacent fields like marketing, finance, or operations who want to add data analytics to their skill set.



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Why choose Career247?

Industry relevant curriculum

Job ready training

Capstone projects & case studies

Flexible learning

Certifications:

At completion of this course candidate will be awarded with NASSCOM Certification and Career247's course completion certification.



Learn from top industry experts



Atul Krishnan

9+ YOE

Data Analytics Trainer Senior Data Engineer



Ejaz Ahmed Qazi

5+ YOE

Data Analytics Trainer M.S in C-S: Data Science



Abhishek Saraswat

5+ YOE

Data Analytics Trainer Senior Data Scientist (Gen AI)



Utkarsh Sharma

8+

Data Science trainer Professional Data Science and AI Trainer



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Program Fees

Program fees include tuition, materials, and other resources. Flexible payment options or scholarships may be available to eligible students.

- 6 months/260+ hrs skill-based cohort (live) learning.
- Industry-led projects and internships
- Certification from Nasscom
- Fast-track your career with in-demand skills
- Get guided by experienced industry leaders.
- Learn & Work with Top 1% in the industry

We are partnered with top finance companies



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FAQs

General Questions

1. What is the Data Analytics with GenAI course about?

- ➔ This is a 260-hour, 6-month, live virtual program designed to build deep fluency in data analytics and modern AI tools. Learners will gain hands-on expertise in Excel, Python, SQL, Power BI, Tableau, and 45+ hours of GenAI-driven analytics workflows.

2. Who is this course for?

- ➔ This course is ideal for:
 - Recent graduates or postgraduates in any stream
 - Professionals in IT, finance, operations, or consulting
 - Career changers from non-technical backgrounds
 - Entrepreneurs and decision-makers wanting data-driven insights

3. What makes this program unique?

- ➔ Dual certification from Career247 + NASSCOM First-of-its-kind 45+ hour GenAI module for analytics 6 real-time projects + 1 capstone project Industry mentors and mock interview support 24/7 access to recordings and skilling library

4. How is GenAI integrated into the curriculum?

- ➔ GenAI is embedded across modules, from SQL and Excel automation to Python data workflows and BI tool enhancement. You'll use tools like ChatGPT, Claude, GAMMA, and LangChain in data analysis.

Program Structure & Curriculum

5. What are the course prerequisites?

- ➔ Basic familiarity with spreadsheets and logical reasoning is helpful. No coding background required.



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6. What tools and topics will I learn?

- ➔ Excel, SQL, Power BI, Tableau Python and Pandas
Statistics and Exploratory Data Analysis
Generative AI for data storytelling, queries, and automation

7. What's the course duration and format?

- ➔ 6 months, 260 hours
Live virtual weekend classes (2 hours per session)
Access to recordings, project kits, LMS

8. What certification will I receive?

- ➔ You'll get a Certificate of Completion from Career247 and a NASSCOM-endorsed certificate upon clearing the assessment.

9. What real-world projects are included?

- ➔ 6 projects covering dashboards, statistical analysis, predictive analytics
1 capstone simulating an end-to-end analytics problem with GenAI integration

10. Is it possible to complete the course while working full-time?

- ➔ Yes. Classes are weekend-only, with asynchronous support and recordings available.

11. Is there any grading or passing criteria?

- ➔ Yes. You must:
Attend 80%+ of live classes
Score 80%+ in quizzes and assignments
Complete mock interviews and project evaluations



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Career Outcomes & Placement

12. What roles can I apply for after this course?

- ➔ Data Analyst
- AI-Augmented Analyst
- BI Developer
- Prompt Engineer for Data Analytics
- GenAI-Powered Research Analyst

13. What is the expected salary range?

- ➔ Freshers: ₹4.2–7 LPA
- Experienced: ₹8–14 LPA
- GenAI-skilled analysts may earn 15–30% higher

14. What companies hire from this domain?

- ➔ TCS, Accenture, Cognizant, Flipkart, Amazon, JP Morgan, Infosys, Deloitte, EY, Wipro, Zoho, Razorpay

15. Do you provide placement assistance?

- ➔ Yes. Career247 offers 100% placement support including:
 - Communication Skills
 - Resume & LinkedIn building
 - Mock interviews (HR + domain)
 - Career mentoring and referrals

16. Is placement guaranteed?

- ➔ No. While placement assistance is guaranteed, final hiring depends on learner performance and company requirements.

17. What are the eligibility criteria for placement assistance?

- ➔ 80% attendance
- 80%+ in evaluations
- Successful capstone completion



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Fees & Enrollment

18. What is the course fee?

- ₹50,000 inclusive of taxes
(EMI and scholarship options available)

19. Are scholarships or financial support available?

- Yes. Based on merit or need. Contact the admissions team to apply.

20. What is the refund policy?

- Refunds are as per the program's official cancellation policy. Please contact support for details.

21. Will I get access to content after course completion?

- Yes, you'll retain access to course materials and toolkits for 6 months post-completion.

Support & Logistics

22. How are doubts resolved?

- Live weekly doubt-clearing sessions
Peer and mentor support forums
Email-based query resolution

23. What happens if I miss a class?

- Recordings will be available on the LMS within 24 hours of the session.

24. Is mentorship provided?

- Yes. Dedicated mentors guide you through projects, career planning, and feedback.



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25. What language is the course taught in?

- ➔ English (slides + instruction); Hindi-supported where needed.

26. Will I receive any physical material or books?

- ➔ No. All material is digital and accessible 24/7 via the LMS



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