Analyx Academy

FULL STACK DATA SCIENCE AND DATA ANALYTICS PROGRAM

- Live Mentor-Led Training
- Real Projects
- Job-Ready Skills
- Placement Support



About Us

Analyx Academy is a modern training and career acceleration institute helping students, working professionals, and career switchers become job-ready in Data Science, Data Analytics and Business Intelligence with real projects, one-to-one mentorship, and long-term guidance

Upcoming Batch
9 February 2026

Time
Morning & Evening Batches (Mon-Sat)

Mode
Online Live Interactive Classes

ENROLL NOW

GSTIN.: 27FTGPP6057L1ZY

An ISO Certified 9001:2015 Academy

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Why Data Analytics?

Business decisions today are driven by data, not assumptions. Every industry now relies on analytics 4 healthcare, finance, manufacturing, retail, IT, startups 4 creating consistent hiring demand for skilled professionals.

B.I. Developers

Transform raw data into actionable insights for strategic decision-making

Data Analysts

Interpret complex datasets to identify trends and solve business challenges

Analytics Engineers

Build and optimize robust data pipelines and analytics infrastructure.

Data Scientists

Develop predictive models and advanced algorithms to uncover future opportunities

You don't need to be from IT. You just need structured guidance and real practice to thrive in this high-demand field.

What You Will Learn

This integrated program guides you from beginner to job-ready expert, covering essential tools and concepts

- Excel - Advanced Excel
- SQL for Analysts
- Python for Data Analysis
- Statistics & ML Foundations
- Exploratory Data Analysis Mastery
- Power BI Mastery
- Tableau Excellence
- Microsoft Fabric (New)
- Azure Data Factory (ETL Pipelines)
- GenAI and AI Agentic Systems

Program Structure & Outcome

Foundations

Work comfortably with data

Analysis Skills

Answer business questions from data

Visualization Skills

Build dashboards & reports executives trust

Capstone

Present insights like a BI & DA professional

Interview Prep

Confidence + Portfolio + Resume

01 DATA ANALYTICS COURSE

Who Can Do This Course

- Freshers (Any graduation)
- Non-IT & IT professionals
- Working / Non-Working Professionals & career switchers

Goal

Build strong analytical, reporting, and business decision-making skills using real-world datasets.

Total Duration

4–6 Months

DETAILED SYLLABUS & TOOL-WISE DURATION

Module 1

SQL for Data Analytics (4 Weeks)

- SQL Foundations (SELECT, WHERE, GROUP BY)
- Joins & subqueries
- GROUP BY and advanced filtering with HAVING
- Window functions & CTEs
- Date/time handling and time-series analysis
- Business problem-solving using SQL



Customer 360 & Sales Performance Analysis

Module 2

Power BI (5 Weeks)

- Data modeling & relationships
- DAX (measures, time intelligence)
- Dashboard design (UX & storytelling)
- Power BI Service & sharing



Executive KPI Dashboard (Sales, Finance, Healthcare and Banking Domains)

Module 4

Python Programming (2 Weeks)

- Python basics & data structures
- Functions & file handling

Module 5

Advanced Excel (2 Weeks)

- Data cleaning & formatting standards
- Lookup functions (VLOOKUP, XLOOKUP, INDEX-MATCH)
- Logical & text functions
- Pivot tables, charts & dashboards
- Power Query for automation



Sales & Operations Dashboard

Module 3

ETL, Microsoft fabric & Azure Data Factory (2 Weeks)

- ETL Fundamentals
- Power BI + Fabric Integration
- SQL analytics on Lakehouse
- Pipeline Integration

Job Roles After Completion

- Data Analyst
- MIS / Reporting Analyst
- Power BI Developer
- Business Analyst (Junior)

Certification You Receive

Course Completion Certificate

02 DATA SCIENCE COURSE

Who Can Do This Course

- Freshers (Any graduation)
- Non-IT & IT professionals
- Working / Non-Working Professionals & career switchers
- Data Analysts upgrading to ML roles
- IT professionals

Goal

Build predictive, statistical, and machine learning expertise with strong programming foundations.

Total Duration

6–8 Months

DETAILED SYLLABUS & TOOL-WISE DURATION

Module 1

SQL for Data Analytics (4 Weeks)

- SQL Foundations (SELECT, WHERE, GROUP BY)
- Joins & subqueries
- GROUP BY and advanced filtering with HAVING
- Window functions & CTEs
- Date/time handling and time-series analysis
- Business problem-solving using SQL



Customer 360 & Sales Performance Analysis

Module 2

Power BI (5 Weeks)

- Data modeling & relationships
- DAX (measures, time intelligence)
- Dashboard design (UX & storytelling)
- Power BI Service & sharing



Executive KPI Dashboard (Sales, Finance, Healthcare and Banking Domains)

Module 4

ETL, Microsoft fabric & Azure Data Factory (2 Weeks)

- ETL Fundamentals
- Power BI + Fabric Integration
- SQL analytics on Lakehouse
- Pipeline Integration

Module 6

Statistics & Probability (4 Weeks)

- Descriptive & inferential statistics
- Hypothesis testing
- Business case interpretation

Module 7

Machine Learning (6 Weeks)

- Regression & classification models
- Model evaluation & tuning
- Feature engineering

Module 3

Advanced Excel (2 Weeks)

- Data cleaning & formatting standards
- Lookup functions (VLOOKUP, XLOOKUP, INDEX-MATCH)
- Logical & text functions
- Pivot tables, charts & dashboards
- Power Query for automation



Sales & Operations Dashboard

Module 5

Python Programming (3 Weeks)

- Python basics & data structures
- Functions & file handling
- Data Visualization, Data Cleaning & Prep
- Pandas & NumPy

Module 8

Exploratory Data Analysis (2 Weeks)

- Data visualization
- Business insight presentation

Job Roles After Completion

- Data Scientist (Junior)
- Machine Learning Analyst
- AI Analyst

Projects Covered

- Sales Forecasting Model
- Customer Churn Prediction
- End-to-end ML Project

Certification You Receive

Course Completion Certificate

03 DATA ENGINEER COURSE

(Microsoft Fabric – DP-700 Aligned Examination Certificate)

Who Can Do This Course

- Freshers (Any graduation)
- Working / Non-Working Professionals & career switchers
- Data Analysts upgrading to Data Engineering roles
- SQL / Power BI professionals
- IT professionals with basic data knowledge

Goal

Build end-to-end data engineering skills using Microsoft Fabric with hands-on pipelines, Lakehouse, Warehousing, and real-time analytics aligned to DP-700 certification.

Total Duration

5–6 Months

DETAILED SYLLABUS & TOOL-WISE DURATION

Module 1

Microsoft Fabric Fundamentals (1 Week)

- Microsoft Fabric overview & workloads
- OneLake concept & capacity model
- Workspace types & configuration

Module 2

Fabric Architecture & Environment Setup (1 Week)

- Fabric architecture deep dive
- Workspace settings & Spark configuration
- Best practices for enterprise setup

Module 3

Data Ingestion & Pipelines (2 Weeks)

- Fabric Pipelines (ETL / ELT)
- Copy Data, triggers & scheduling
- Integration with ADLS & external sources
- Hands-on: Automated ingestion pipelines

Module 4

Lakehouse Architecture (2 Weeks)

- Delta tables & file management
- Medallion architecture (Bronze, Silver, Gold)
- SQL analytics on Lakehouse
- Hands-on: Lakehouse design with star schema

Module 5

Dataflows Gen2 & Power Query Online (1.5 Weeks)

- Data ingestion & transformation
- Reusable transformation logic
- Loading data to Lakehouse & SQL Endpoint

Module 6

Data Warehouse in Fabric (1.5 Weeks)

- SQL Endpoint, schemas & tables
- Views, stored procedures
- Performance tuning techniques

Module 7

Real-Time Analytics (1 Week)

- KQL database fundamentals
- Streaming & log analytics
- Real-time dashboards

Module 8

Python & Notebooks for Data Engineering (1 Week)

- PySpark & SQL notebooks
- Transformations & automation
- Data validation checks

Module 9

Power BI Integration with Fabric (1 Week)

- Direct Lake vs DirectQuery vs Import
- Semantic models
- End-to-end reporting from Lakehouse & DW



Projects Covered

- End-to-End Fabric Data Pipeline Project
- Lakehouse + Warehouse Implementation Project
- Real-Time Analytics Dashboard



Job Roles After Completion

- Junior Data Engineer
- Fabric Data Engineer
- Analytics Engineer
- BI + Fabric Developer



Certification You Receive

- Microsoft DP-700: Data Engineering in Microsoft Fabric
- Course Completion Certificate

Certification And Additional Benefits



- ISO Certified Institute
- Internship Certificate (Project-based)
- Course Completion Certificate
- Real Industry Projects

Career Outcomes After Our Program



Get ready to reshape your career by gaining skills that matter 4 from tools you'll use every day to strong job prospects ahead.

Where You Can Land (Job Titles)

Data Analyst	Business Analyst	Power BI Developer	MIS / Reporting Analyst
Junior Data Engineer	Financial Data Analyst	Power BI + Fabric Developer	Data Engineer (Fabric)

What You Could Earn

Experience Level	Annual Salary (India)
Freshers (0- 1 yr)	~ 3.5 LPA to 6.5 LPA
1-3 yrs experience	~ 6.5 LPA to 12 LPA
3-6 yrs experience	~12 LPA to 24+ LPA

These are typical ranges 4 the exact number will depend on tools known, domain, company size, and how strong your portfolio is.

How Big is the Job Market Right Now?

LinkedIn

86,000+ "Data Analyst" jobs listed in India - with about 1,320 new ones recently.

Naukri.com

27,563 Data Analyst jobs available.

Indeed India

~7,814 open Data Analyst jobs.

Entry-level on LinkedIn

~383 "Entry Level Data Analyst" jobs listed

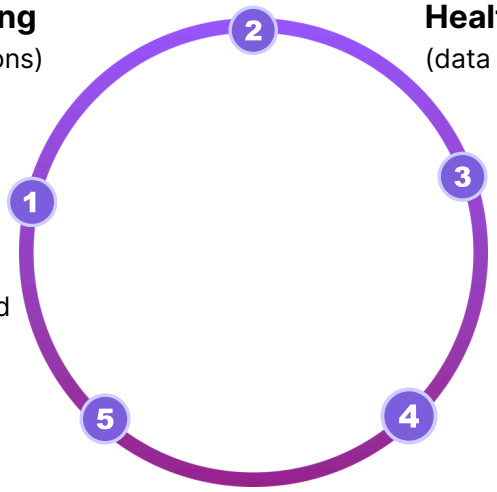
These numbers show strong demand 4 yours is to position yourself to meet it.

Domains Where You'll Find These Jobs



Finance & Banking
(credit risk, operations)

Healthcare & Pharma
(data in clinics, operations)



SaaS / EdTech
(analytics for growth and product)

E-commerce & Retail
(customer insights, inventory)

Telecom & Media
(churn, user behaviour)

Where You'll Be 5 Years From Now



Here's a rough roadmap, assuming you're proactive:

Years 1-2
Data Analyst / Reporting role 4 mastering dashboards, SQL, Excel

Years 2-3
Senior Analyst / Business Analyst 4 owning parts of analysis, working with stakeholders

Years 3-5
Analytics Lead / Consultant 4 guiding strategy, influencing decisions



Road map of your dream job



Take the Next Step



If you're ready to move from Interested to employed, the next logical step is to book a DEMO SESSION

In the session you'll get:

- A walk-through of what you'll learn
- How it maps to real jobs
- Placement support & how we help you build your profile
- Q&A with mentors who have been in the field

Attend Free Demo Sessions



Upcoming Batch Details

Batch Name: Full Stack Data Analytics Batch - DS&A IT12

Start Date: 9 February 2026

Timing: Morning & Evening Batches (Mon-Sat)

Mode: Online Live Interactive Classes

ENROLL NOW

Join Our Official WhatsApp Group

Enquiry Now



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