

Data Science & Data Analytics

Course Overview

The Data Science & Data Analytics program is a comprehensive 6-month industry-focused course designed to help students build strong analytical, technical, and problem-solving skills. Students will learn how to collect, process, analyze, and visualize data to make smart business decisions using modern tools and AI-powered technologies used by top companies worldwide.

This course combines practical learning, real-world projects, dashboard development, and machine learning fundamentals to prepare students for high-demand careers in data analytics and data science.

Course Duration

6 Months Professional Training Program

During these 6 months, students will receive:

- Live practical training
 - Real industry projects
 - Hands-on assignments
 - Portfolio development
 - Dashboard creation
 - AI & analytics exposure
 - Interview preparation
 - Resume & LinkedIn optimization
 - Career guidance sessions
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What Students Will Learn

Month 1 – Python & Programming Fundamentals

- Python basics
- Variables, loops, functions
- Data structures
- Problem-solving concepts
- Working with datasets

Month 2 – SQL & Database Management

- SQL queries
- Database handling
- Data extraction
- Filtering & joins
- Real-world database operations

Month 3 – Data Analysis & Visualization

- Data cleaning
- Data transformation
- Charts & graphs
- Excel analytics
- Interactive dashboards

Tools:

- Power BI
- Tableau
- Excel

Month 4 – Machine Learning Fundamentals

- Supervised learning
- Model training
- Prediction systems
- Classification & regression
- AI basics

Month 5 – Business Intelligence & Projects

- KPI dashboards
- Reporting systems
- Business case studies
- Analytics projects
- Industry workflows

Month 6 – Portfolio, Placement & Industry Preparation

- Resume building
 - LinkedIn optimization
 - Mock interviews
 - Real-world capstone project
 - Placement preparation
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Tools Covered

- Python
 - SQL
 - Tableau
 - Power BI
 - Microsoft Excel
 - Google Colab
 - NumPy
 - Pandas
 - Matplotlib
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Course Benefits

- Industry-Level Projects
 - Practical Training Sessions
 - AI & Analytics Exposure
 - Dashboard Portfolio Building
 - Internship Opportunities
 - Placement Assistance
 - Career Guidance
 - Interview Preparation
 - Certification Program
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Certifications & Achievements

After successful completion of the course, students will receive:

- Course Completion Certificate
- Project Completion Certificate
- Internship Experience Certificate (if applicable)
- Portfolio Projects for Resume

- Industry Project Experience

Top-performing students may also receive:

- Performance Awards
 - Excellence Certificates
 - Internship Recommendations
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Career Opportunities

Students can apply for roles such as:

- Data Analyst
 - Data Scientist
 - Business Analyst
 - Reporting Analyst
 - BI Analyst
 - Machine Learning Associate
 - Data Visualization Specialist
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Placement Opportunities

Students can get placement support for companies such as:

- Tata Consultancy Services
 - Infosys
 - Wipro
 - Accenture
 - Cognizant
 - Capgemini
 - Deloitte
 - IBM
 - Tech Mahindra
 - HCLTech
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Why Choose This Course?

This course is specially designed for:

- beginners
- college students
- working professionals
- career switchers

who want to build a successful career in the rapidly growing fields of Data Science, AI, and Analytics with practical industry exposure and placement-oriented training.