QUANTUM-AI
THE SCHOOL OF DATA AND AI

DATA ANALYTICS

Excel • SQL • Power BI • Python

Become a job-ready Data Analyst by mastering data analysis, visualization, databases, and Python with real-world, project-based learning.



WHY QUANTUMAI?

QuantumAI delivers a practical, job-focused curriculum with hands-on projects using real datasets. Led by industry experts, the program provides exposure to modern tools and cloud technologies, making it suitable for both beginners and professionals looking to grow or transition into AI and data science.

COURSE OVERVIEW

This program is designed to build end-to-end data analytics skills, covering Excel, SQL, Power BI, and Python. Learners gain hands-on experience through real business scenarios and industry-relevant projects.



WHAT YOU WILL LEARN

Excel for Data Analysis

- Excel fundamentals & shortcuts
- Functions & formulas
- Data validation & conditional formatting
- Charts & pivot tables
- What-if analysis

SQL & Databases

- Database & RDBMS concepts
- Data normalization
- SQL queries (DDL, DML, DQL)
- Joins, subqueries & window functions
- Performance tuning & ad-hoc analysis

Power BI

- Power BI Desktop & Service
- Data connection & transformation
- Data modeling & relationships
- DAX calculations
- Interactive dashboards & reports

Python for Data Analysis

- Python fundamentals
- Data structures & functions
- OOP concepts & exception handling
- File & database handling
- NumPy, Pandas & Matplotlib
- Advanced visualization with Seaborn

Project-Based Learning

- Sales analytics
- Risk analysis
- Fraud analysis
- Financial analysis

6+ real-world projects

KEY SKILLS GAINED

- Data analysis & interpretation
- SQL querying & optimization
- Dashboard creation
- Python-based analytics
- Business problem solving

WHO SHOULD ENROLL

- Students & fresh graduates
- Working professionals
- Aspiring data analysts
- Anyone interested in data-driven roles



ANALYZE. VISUALIZE. DECIDE.

Become a Data Analyst with QuantumAI

Get in Touch

09870400650 | info@quantumaico.com | www.quantumaico.com

2nd Floor, Old dlf, C-1B, near Dr Lal Pathlabs, South City, Block C,
Old DLF Colony, Sector 14, Gurugram, Haryana 122001