



COMPLETE QA ENGINEER PROGRAM 2026 FROM MANUAL TESTING TO AI TESTING

Manual Testing + Database Testing + DWH Testing + ETL Testing (Azure Data QA)
+ Power BI Testing + AI Testing



Industry
Relevant
Training



Live Projects
& Real-Time
Scenarios



Expert
Mentor
Guidance



Placement
Assistance



Career Growth
& Upskilling



Future Ready
with AI

COURSE SYLLABUS



1. MANUAL TESTING

- SDLC, STLC
- Test Cases
- Defect Management
- Test Planning
- Agile & Scrum



2. DATABASE TESTING

- SQL Fundamentals
- Query Validation
- Joins, Views, SP
- Data Integrity
- SQL for Testers



3. DATA WAREHOUSE TESTING (DWH)

- DWH Concepts
- Dimensional Modeling
- Fact & Dimension
- Data Validation
- Aggregation Testing



4. ETL TESTING (AZURE DATA QA)

- ETL Concepts
- ADF Overview
- Data Ingestion
- Data Transformation
- Data Validation
- Reconciliation



5. POWER BI TESTING

- Power BI Architecture
- Data Source Testing
- DAX Validation
- Visual Validation
- Report Testing
- Dashboard Validation
- RLS Testing



6. AI TESTING

- AI Fundamentals
- LLM Testing
- Prompt Testing
- AI Model Validation
- Bias & Fairness Testing
- Hallucination Testing
- AI API Testing



7. DATASET AUTOMATION WITH PYSPARK & PYTHON

- Python for Testers
- PySpark Basics
- Data Validation Scripts
- Schema Validation
- Null & Duplicate Checks
- Data Quality Rules Automation



8. REAL TIME INDUSTRY PROJECTS

- End-to-End Testing Projects
- Azure Data QA Project
- Power BI Report Testing Project
- AI Application Testing Project

MODE OF TRAINING



1 HOUR / 1 DAY

(Live Interactive Sessions)

DURATION



100 DAYS

(100 Live Sessions)

COURSE FEES



ONLINE

₹30,000



OFFLINE

₹40,000

INSTITUTE ADDRESS



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TOOLS & TECHNOLOGIES



SQL Server



Azure



Databricks



PySpark



Python



Power BI



Postman

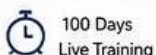


Excel



Jupyter

COURSE HIGHLIGHTS



100 Days
Live Training



12+ Real Time
Projects



Assignments
& Case Studies



Resume & LinkedIn
Profile Support



Mock Interviews
& Q&A



Placement
Assistance



Certification
Provided