AI 360 – www.ai360.ltd

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Course Title: Power BI with Azure Integration – Analytics for Professionals

Duration: 45 Hours (9 Sessions x 5 Hours)

Format: Live + Project Lab + Cloud Deployment + Certification Guidance

Target Audience: Working Professionals, BI Analysts, Data Enthusiasts

Prerequisites: Working knowledge of SQL (can be taken via AI 360 SQL course)

Course Fee: ₹20,000

Course Overview:

This hands-on, job-oriented course teaches Power BI end-to-end with essential Azure integration. Learners will master data modeling, DAX, report building, and cloud publishing using Microsoft Power BI, Synapse, and Azure SQL. Ideal for professionals aiming for roles in BI, data analytics, or dashboard reporting.

Module Breakdown

Module 1: Power BI Foundations

- Introduction to BI tools and Power BI ecosystem
- Connecting and transforming data (Power Query)
- Data modeling basics, relationships, hierarchies
- Hands-on: Build your first business report

Module 2: DAX for Data Analysis

- Calculated columns and measures
- Aggregation, filtering, time intelligence
- Hands-on with KPIs and trend measures
- Mini-project: Sales & Profit Performance Dashboard

Module 3: Advanced Visualization & UX Design

- Custom visuals, slicers, bookmarks, drill-throughs

- Using themes and layout design best practices
- Hands-on: Executive Dashboard for HR Analytics

Module 4: Azure & Power BI Integration

- Introduction to Azure ecosystem for analytics
- Connecting Power BI to Azure SQL Database
- Power BI with Azure Synapse Analytics
- Case Study: Retail Reporting using cloud data sources

Module 5: Power BI Service & Workspace Publishing

- Workspaces, datasets, report sharing
- Scheduled refreshes and data gateway
- Role-level security and sharing with stakeholders
- Hands-on: Publish and manage workspace dashboard

Module 6: Final Project + Certification Readiness

- Capstone Project: Build a fully integrated report
- Power BI Certification (PL-300) exam preparation
- Presentation to panel + job guidance session

Certifications & Job Alignment

- AI 360 Certification: Power BI for Professionals
- Microsoft PL-300 Certification Support (Power BI Data Analyst)
- Real-time projects for portfolio readiness
- Resume & Interview Training for BI Roles

AI 360 SQL Specialization (Foundation for BI & Data Roles)

Course Title: SQL Essentials – 360° Query Mastery

Duration: 15 Hours (5 Sessions x 3 Hours)

Format: Instructor-Led + SQL Lab + Assignments

Target Audience: Beginners, BI/Marketing Analysts, Students in Data Roles

Prerequisites: None

Course Fee: ₹6,000

Course Highlights:

- SQL from scratch to JOINs, GROUP BY, HAVING, and Subqueries
- Business-ready examples: Churn Analysis, Sales Breakdown, Daily Metrics
- Hands-on: Write and optimize queries using real business data
- Final Quiz + Querying Capstone (SQL Cheat Sheet Provided)

Why Take This Course:

☑ Must-have for BI/Analytics/Data Science tracks
☑ Job-interview friendly query experience