

## Al-Powered Course - Learn, Build & placed

- 🦞 12+ Years in IT Training
- 6 50000+ Students Trained
- 🧛 Practical Training
- Mock Interview Prep
- Live Projects with You
- Placement Assistance & Internship Programs
- ISO-Certified & MSME-Approved Institute

#### **REVIEWS**



4.9 \*\*\*\*\*



4.8 \*\*\*\*\*

GIVEN BY 1000+ STUDENTS





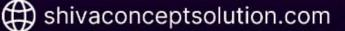
25000+ subs, 3M+ views



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# CODE

#### MEET THE FOUNDER



## Reach Your Dream IT Job with Expert Coding Training

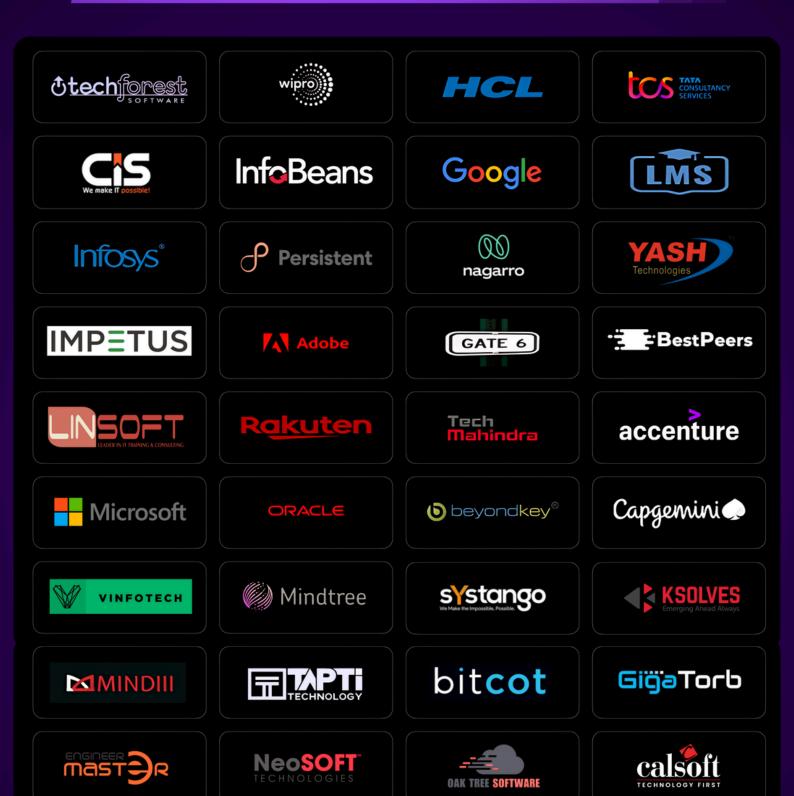
My mission is to be the mentor I needed when I first started



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#### AI-POWERED CORPORATE DATA ANALYTICS COURSE

Duration: 6 months Course Highlight:

PYTHON, ADVANCE PYTHON, PYTHON DSA, SQL, ADVANCE SQL, POWER-BI, TABLEU, DATASCIENCE LIBRARY, EXCEL, ADVANCE EXCEL

#### **Module 1: Introduction to Data Analytics**

- What is Data Analytics? Importance in 2025
- Types of Analytics: Descriptive, Diagnostic, Predictive, Prescriptive
- Data Analytics Lifecycle
- Applications in Finance, Healthcare, Marketing, IT, E-Commerce

#### **Module 2: Excel & Advanced Excel**

- Excel Basics: Formulas, Functions, Pivot Tables
- Advanced Excel: Conditional Formatting, Lookup Functions (VLOOKUP, HLOOKUP, XLOOKUP)
- What-If Analysis, Data Validation
- Power Query for ETL (Extract, Transform, Load)
- Excel Charts & Dashboards
- AI-Powered Excel Features (Copilot, Smart Data Analysis)

#### Module 3: SQL for Data Analytics

- Database Basics (RDBMS, Primary Key, Foreign Key)
- SQL Basics: SELECT, WHERE, ORDER BY, GROUP BY
- Joins: INNER, LEFT, RIGHT, FULL
- Subqueries & CTEs
- Window Functions (ROW\_NUMBER, RANK, LEAD, LAG)
- Stored Procedures & Views
- Performance Optimization (Indexes, Query Plans)
- Hands-on with MySQL / PostgreSQL / MS SQL Server

#### Module 4: Statistics & Probability for Analytics

- Descriptive Statistics (Mean, Median, Mode, Variance, Std. Dev.)
- Probability & Distributions (Normal, Binomial, Poisson)
- Hypothesis Testing (t-test, ANOVA, Chi-square)
- Correlation & Regression Analysis
- Sampling Techniques & Bias
- Statistical Significance in Business Decisions

#### Module 5: Python basic to advance

- Introduction to Python
- Python Basics
- Control Flow
- Strings in Python
- Data Structures
- Functions
- Modules & Packages
- File Handling
- Exception Handling
- Object-Oriented Programming (OOP)
- Advanced Python Concepts(Monkey patching, decorator, serialization)
- Python for Data Handling

#### Module 6: Python for Data Handling

- NumPy: Arrays, Operations, Broadcasting
- Pandas: DataFrames, Cleaning, GroupBy, Joins
- Matplotlib & Seaborn: Data Visualization
- OpenPyXL: Excel Automation
- Working with APIs (requests module)

#### Module 7: MICROSOFT POWER BI Tool

- Introduction to Power BI
- Power BI Desktop
- Power Query (Data Preparation)
- Data Modeling
- DAX (Data Analysis Expressions)
- Data Visualization & Reporting
- Advanced Power BI Features
- Power BI Service (Cloud BI)
- AI & Advanced Analytics in Power BI
- Power BI & Big Data Integration
- Performance Optimization & Governance
- Projects & Case Studies

#### Module 8: Tableau Complete

- Introduction to Data Visualization & Tableau
- Tableau Desktop Overview
- Connecting to Data Sources
- Data Preparation & Cleaning in Tableau
- Tableau Interface & Basic Charts
- Advanced Charts & Visualizations
- Calculations in Tableau (Basic to Advanced)
- Parameters & Filters
- Data Blending & Joins
- Level of Detail (LOD) Expressions
- Dashboards & Stories
- Tableau Server & Tableau Online
- Tableau Prep (Data Preparation Tool)
- Integration with Other Tools (Excel, SQL, Python, R)
- Tableau & Big Data / Cloud Integration
- Performance Optimization & Best Practices
- AI/ML & Predictive Analytics in Tableau
- Security, Governance & Collaboration
- Tableau Projects & Case Studies
- Career Readiness with Tableau

### Module 9: III AI-Powered Data Analytics Content

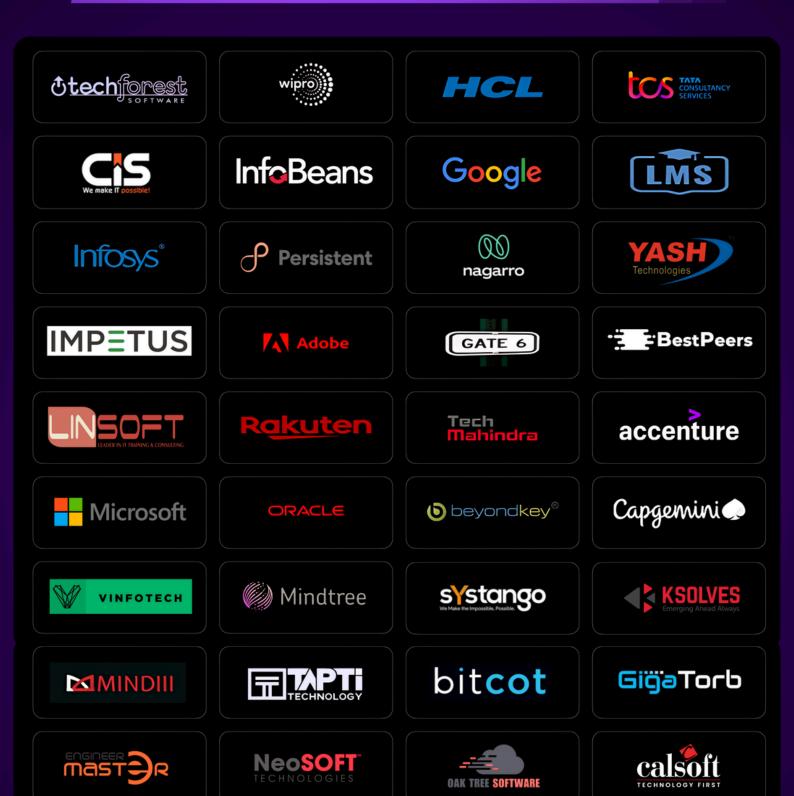
- 1. AI + Data Prep Auto data cleaning, anomaly detection (AI-driven tools)
- 2. AI-Powered Analysis Forecasting, Trend Analysis, Predictive Analytics (ML models)
- 3. Natural Language Queries Chat with data using AI (Copilot, ChatGPT, Power BI AI visuals)
- 4. Prompt Engineering and GEN-AI
- 5. Real-World Projects -
  - AI-Powered Sales Dashboard
  - Customer Churn Prediction
  - Sentiment Analysis on Reviews
  - Financial Forecasting with AI

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#### **Module 10: Industry Readiness**

- Git & GitHub (Branching, PRs, Collaboration)
- CI/CD with GitHub Actions
- Resume & Interview Preparation (PYTHON, POWER BI, Tableau)

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This course is AI-powered: learn faster with live GenAI tools and adaptive course content.

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