

MASTER. ANALYZE. VISUALIZE.

SQL, POWER BI, TABLEAU

Become a Data-Driven Professional

Master the most in-demand tools and build a successful career in **Data Analytics**.

SQL

- Write Efficient Queries
- Data Extraction & Transformation
- Joins, CTE, Views, Functions & More

POWER BI

- Data Modeling
- DAX & Measures
- Interactive Dashboards
- Publish & Share Insights

TABLEAU

- Data Visualization
- Calculated Fields & LOD
- Dashboards & Stories
- Tableau Server & Cloud

In-Demand Skills
High Paying Career

Real-Time Projects
Industry Use Cases

Job Assistance
& Interview Support

Build Skills. Build Projects. Build Your Future.

ENROLL NOW

LIMITED SEATS!

BEGINNER TO ADVANCED LEVEL | **REAL-TIME PROJECTS** | **CERTIFICATION GUIDANCE** | **EXPERT MENTORSHIP** | **LIFETIME ACCESS TO RECORDINGS** | **JOB ASSISTANCE & RESUME SUPPORT**

What is Data?

Data refers to raw facts, figures, and statistics collected from various sources

What is Data Analysis?

Data Analysis is an art to understand the data, identify hidden trends of data. This involves Data Presentation, Data Classification and Detailed understanding of data.

What is Power BI?

Power BI is a suite of tools used to design Reports, build dashboards and perform end user analytics. Very easy, friendly interface to deal with any type of data. Very Faster and Accurate. **SQL** Concepts are mandatory to master Power BI Technology.

What is Tableau?

Tableau is a suite of tools used to design Reports, build dashboards and perform end user analytics. Very Robust, Secure and highly efficient. **SQL** Concepts and **Queries** are mandatory to master Power BI Technology.

How to become a Senior Data Analyst?

Step 1: Master SQL & Database Concepts

- SQL Queries
- Joins, CTEs, Window Functions
- Query Optimization
- Data Modeling Fundamentals

Step 2: Master Power BI

- Power Query
- DAX
- Data Modeling
- Interactive Dashboards
- Power BI Service & Deployment

☑ Step 3: Master Tableau

- Tableau Desktop
- Calculations & LOD Expressions
- Dashboard Design
- Tableau Server/Cloud
- Performance Optimization

📁 Step 4: Work on End-to-End Real-Time Projects

- Power BI Enterprise Project
- Tableau Enterprise Project
- Business Requirement Gathering
- KPI Dashboard Development
- Deployment & Documentation

🔄 Step 5: Gain Migration Experience

- Tableau → Power BI Migration
- Power BI → Tableau Migration
- Dashboard Conversion
- Data Validation & Testing
- Performance Optimization

🎯 Step 6: Build Your Professional Profile

- Create an Analytics Portfolio
- Optimize Your Resume & LinkedIn
- Prepare for MNC Interviews

In our training classes, we teach you **all these components** with entire Eco-system – step by step !

Who can join this 100% Job Oriented Training Program?

Any one ! We start our classes from the very basics. Step by step. Hence, anyone can join the course !

SQL, Power BI with Tableau Training From SQL School - Highlights

- ✓ 800+ Interview Questions
- ✓ 150+ Hands-on Labs
- ✓ 30+ Dashboard Designs
- ✓ SQL, Power BI, Tableau
- ✓ LinkedIn Portfolio
- ✓ End-to-End Capstone Project
- ✓ Mock Interviews
- ✓ Weekly Assessments
- ✓ Lifetime Community Access
- ✓ Placement Guidance
- ✓ **Domains: Banking, Retail, E-commerce, HR Analytics, Healthcare**

Recruiters appreciate domain exposure. We include what they need in this course !!

Course Details:

- ✓ **Total Duration:** 3 Months
- ✓ **Training Modes:** LIVE Online / Self-Paced Videos

Why SQL School?

- ✓ 100% Practical Training
- ✓ Real-Time Projects
- ✓ Daily Assignments & Weekly Feedback
- ✓ Resume & Interview Support
- ✓ Certification Guidance

Who can Enrol:

- ✓ Freshers & Starters
- ✓ Career Gap Professionals
- ✓ IT & Non-IT Experienced Individuals

Power BI Training : Detailed Course Content

This detailed content with 100% Hands-On, Daily Assignments make you 100% Job ready !

Module 1: SQL Server TSQL (MS SQL) Queries

Ch 1: Data Analyst Job Roles

- ✓ Introduction to Data
- ✓ Data Analyst Job Roles
- ✓ Data Analyst Challenges
- ✓ Data and Databases Intro
- ✓ Power BI & Data Concepts

Ch 2: Database Intro & Installations

- ✓ Database Types (OLTP, DWH,..)
- ✓ DBMS: Basics
- ✓ SQL Server 2025 Installations
- ✓ SSMS Tool Installation
- ✓ Server Connections, Authentications

Ch 3: SQL Basics V1 (Commands)

- ✓ Creating Databases (GUI)
- ✓ Creating Tables, Columns (GUI)
- ✓ SQL Basics (DDL, DML, etc..)
- ✓ Creating Databases, Tables
- ✓ Data Inserts (GUI, SQL)
- ✓ Basic SELECT Queries

Ch 4: SQL Basics V2 (Commands, Operators)

- ✓ DDL: Create, Alter, Drop, Add, modify, etc..

- ✓ DML: Insert, Update, Delete, select into, etc..
- ✓ DQL: Fetch, Insert... Select, etc..
- ✓ SQL Operations: LIKE, BETWEEN, IN, etc..
- ✓ Special Operators

Ch 5: Data Types

- ✓ Integer Data Types
- ✓ Character, MAX Data Types
- ✓ Decimal & Money Data Types
- ✓ Boolean & Binary Data Types
- ✓ Date and Time Data Types
- ✓ SQL_Variant Type, Variables

Ch 6: Excel Data Imports

- ✓ Data Imports with Excel
- ✓ SQL Native Client
- ✓ Order By: Asc, Desc
- ✓ Order By with WHERE
- ✓ TOP & OFFSET
- ✓ UNION, UNION ALL

Ch 7: Schemas & Batches

- ✓ Schemas: Creation, Usage
- ✓ Schemas & Table Grouping
- ✓ Real-world Banking Database
- ✓ 2 Part, 3 Part & 4 Part Naming
- ✓ Batch Concept & "Go" Command

Ch 8: Constraints, Keys & RDBMS – Level 1

- ✓ Null, Not Null Constraints
- ✓ Unique Key Constraint
- ✓ Primary Key Constraint
- ✓ Foreign Key & References
- ✓ Default Constraint & Usage
- ✓ DB Diagrams & ER Models

Ch 9: Normal Forms & RDBMS – Level 2

- ✓ Normal Forms: 1 NF, 2 NF
- ✓ 3 NF, BCNF and 4 NF
- ✓ Adding PK to Tables
- ✓ Adding FK to Tables
- ✓ Cascading Keys
- ✓ Self Referencing Keys
- ✓ Database Diagrams

Ch 10: Joins & Queries

- ✓ Joins: Table Comparisons
- ✓ Inner Joins & Matching Data

- ✓ Outer Joins: LEFT, RIGHT
- ✓ Full Outer Joins & Aliases
- ✓ Cross Join & Table Combination
- ✓ Joining more than 2 tables

Ch 11: Views & RLS

- ✓ Views: Realtime Usage
- ✓ Storing SELECT in Views
- ✓ DML, SELECT with Views
- ✓ RLS: Row Level Security
- ✓ WITH CHECK OPTION
- ✓ Important System Views

Ch 12: Stored Procedures

- ✓ Stored Procedures: Realtime Use
- ✓ Parameters Concept with SPs
- ✓ Procedures with SELECT
- ✓ System Stored Procedures
- ✓ Metadata Access with SPs
- ✓ SP Recompilations
- ✓ Stored Procedures, Tuning

Ch 13: User Defined Functions

- ✓ Using Functions in MSSQL
- ✓ Scalar Functions in Real-world
- ✓ Inline & Multiline Functions
- ✓ Parameterized Queries
- ✓ Date & Time Functions
- ✓ String Functions & Queries
- ✓ Aggregated Functions & Usage

Ch 14: Triggers & Automations

- ✓ Need for Triggers in Real-world
- ✓ DDL & DML Triggers
- ✓ For / After Triggers
- ✓ Instead Of Triggers
- ✓ Memory Tables with Triggers
- ✓ Disabling DMLs & Triggers

Ch 15: Transactions & ACID

- ✓ Transaction Concepts in OLTP
- ✓ Auto Commit Transaction
- ✓ Explicit Transactions
- ✓ COMMIT, ROLLBACK
- ✓ Checkpoint & Logging
- ✓ Lock Hints & Query Blocking
- ✓ READPAST, LOCKHINT

Ch 16: CTEs & Tuning

- ✓ Common Table Expression
- ✓ Creating and Using CTEs
- ✓ CTEs, In-Memory Processing
- ✓ Using CTEs for DML Operations
- ✓ Using CTEs for Tuning
- ✓ CTEs: Duplicate Row Deletion

Ch 17: Indexes Basics, Tuning

- ✓ Indexes & Tuning
- ✓ Clustered Index, Primary Key
- ✓ Non Clustered Index & Unique
- ✓ Creating Indexes Manually
- ✓ Composite Keys, Query Optimizer
- ✓ Composite Indexes & Usage

Ch 18: Group By Queries

- ✓ Group By, Distinct Keywords
- ✓ GROUP BY, HAVING
- ✓ Cube() and Rollup()
- ✓ Sub Totals & Grand Totals
- ✓ Grouping() & Usage
- ✓ Group By with UNION
- ✓ Group By with UNION ALL

Ch 19: Joins with Group By

- ✓ Joins with Group By
- ✓ 3 Table, 4 Table Joins
- ✓ Join Queries with Aliases
- ✓ Join Queries & WHERE
- ✓ Join Queries & Group By
- ✓ Joins with Sub Queries
- ✓ Query Execution Order

Ch 20: Sub Queries

- ✓ Sub Queries Concept
- ✓ Sub Queries & Aggregations
- ✓ Joins with Sub Queries
- ✓ Sub Queries with Aliases
- ✓ Sub Queries, Joins, Where
- ✓ Correlated Queries

Ch 21: Cursors & Fetch

- ✓ Cursors: Realtime Usage
- ✓ Local & Global Cursors
- ✓ Scroll & Forward Only Cursors
- ✓ Static & Dynamic Cursors
- ✓ Fetch, Absolute Cursors

Ch 22: Window Functions, CASE

- ✓ IIF Function and Usage
- ✓ CASE Statement Usage
- ✓ Window Functions (Rank)
- ✓ Row_Number()
- ✓ Rank(), DenseRank()
- ✓ Partition By & Order By

Ch 23: Merge(Upsert) & CASE, IIF

- ✓ Merge Statement
- ✓ Upsert Operations with Merge
- ✓ Matched and Not Matched
- ✓ IIF & CASE Statements
- ✓ Merge Statement inside SPs
- ✓ Merge with OLTP & DWH

Ch 24: Realtime Case Studies

- ✓ Case Study 1: Medicare: Tasks, Solutions
- ✓ Case Study 2: ECommerce: Task, Solutions

Module 2: Power BI With AI, CoPilot

Ch 1: Power BI Intro, Installation

- ✓ Power BI & Data Analysis
- ✓ 5 Design Tools, 3 Techniques
- ✓ 2 Hosting Solutions
- ✓ Power BI with Co-Pilot & AI
- ✓ Power BI Installation

Ch 2: Report Design Concepts

- ✓ Basic Report Design (PBIX)
- ✓ Get Data, Canvas (Design)
- ✓ Data View, Data Models
- ✓ Data Points, Spotlight
- ✓ Focus Mode, PDF Exports

Ch 3: Visual Interactions, PBIT

- ✓ Visual Interactions & Edits
- ✓ Limitations with Visual Edits
- ✓ Creating Power BI Templates
- ✓ CSV Exports & PBIT Imports

Ch 4: Grouping, Hierarchies

- ✓ Creating Groups: Lists
- ✓ Creating Groups: Bins
- ✓ List Items & Group Edits

- ✓ Bin Size & Bin Count

Ch 5: Slicer & Visual Sync

- ✓ Slicer Visual in Power BI
- ✓ Slicer: Format Options
- ✓ Single Select, Multi Select
- ✓ Slicer: Select All On / Off
- ✓ Visual Sync with Slicers

Ch 6: Hierarchies & Drill-Down

- ✓ Hierarchies: Creation, Use
- ✓ Hierarchies: Advantages
- ✓ Drill Up, Drill Down
- ✓ Conditional Drill Down
- ✓ Filtered Drill Down, Table View

Ch 7: Filters & Drill Thru

- ✓ Power BI Filters
- ✓ Basic, Top & Advanced
- ✓ Visual Filters, Page Filters
- ✓ Report Level Filters, Clear Filter
- ✓ Drill Thru Filters & Usage

Ch 8: Bookmarks, Buttons

- ✓ Power BI Bookmarks
- ✓ Images: Actions, Bookmarks
- ✓ Buttons: Actions, Bookmarks
- ✓ Page to Page Navigations
- ✓ Score Cards, Master Pages

Ch 9: SQL DB Access & Big Data

- ✓ SQL DB Access, Queries
- ✓ Storage Modes: Direct Query
- ✓ Formatting & Date Time
- ✓ Storage Modes in Power BI
- ✓ Azure (Big Data) Access & Formatting

Ch 10: Power BI Visualizations

- ✓ Charts, Bars, Lines, Area
- ✓ TreeMaps & HeatMaps
- ✓ Funnel, Card, Multrow Card
- ✓ PieCharts & Waterfall
- ✓ Scatter Chart, Play Axis
- ✓ Infographics, Classifications

Ch 11: Power Query Introduction

- ✓ Power Query (Mashup)
- ✓ ETL Transformations in PBI

- ✓ Power Query Expressions
- ✓ Table Combine Options
- ✓ Merge, Union All Options
- ✓ Missing Values, Duplicate Records
- ✓ Wrong Data Types, Outliers
- ✓ Close, Apply & Visualize

Ch 12: Power Query: Table Transformations

- ✓ Table Duplicate, Header Promotion
- ✓ Group By Transformation
- ✓ Aggregate, Pivot Operation
- ✓ Reverse Rows, Count Rows
- ✓ Advanced Power Query Mode
- ✓ Data Cleaning, Null Handling

Ch 13: Power Query: Column Transformations

- ✓ Any Column Transformations
- ✓ Data Type Detection, Change
- ✓ Rename, Replace, Move
- ✓ Fill Up, Fill Down
- ✓ Step Edits & Rollbacks

Ch 14: Power Query: Text, Date Transformations

- ✓ String / Text Transformations
- ✓ Split, Merge, Extract, Format
- ✓ Numeric and Date Time
- ✓ Add Column & Expressions
- ✓ Column From Examples

Ch 15: Power Query: Parameters, Expressions

- ✓ Parameters in Power Query
- ✓ Static Parameters, Defaults
- ✓ Dynamic Dropdowns, Lists
- ✓ Linking with Table Queries
- ✓ Step Edits, Type Conversions
- ✓ API & Web Data Sources

Ch 16: Power BI Cloud & Fabric

- ✓ Power BI Cloud, Microsoft Fabric
- ✓ Microsoft Fabric Concepts
- ✓ Fabric One Lake
- ✓ Fabric Warehouse
- ✓ Fabric LakeHouse
- ✓ Fabric Analytics

Ch 17: Power BI Cloud Deployments

- ✓ Microsoft Fabric Workspace
- ✓ Report Publish Cloud

- ✓ Power BI Desktop Connections
- ✓ Report Uploads (PBIX)
- ✓ Report Edits
- ✓ Semantic Models & Usage

Ch 18: Power BI Cloud Dashboards

- ✓ Power BI Dashboards
- ✓ Dashboard Creation, Usage
- ✓ Pin Visuals, Pin LIVE Pages
- ✓ Add Image, Video Tiles
- ✓ Q&A & Pin Tiles

Ch 19: Power BI Cloud Operations

- ✓ Report Shares, Alerts
- ✓ Subscriptions, Exploration
- ✓ Downloads & Edits
- ✓ Report Cloning in Cloud
- ✓ QR Codes, Web Publish
- ✓ Lineage & Metrics

Ch 20: Power BI Cloud Gateways

- ✓ Data Gateways, Data Refresh
- ✓ Install, Configure Gateways
- ✓ Data Refresh & Scheduling
- ✓ Gateway Optimizations
- ✓ Incremental Refresh
- ✓ Large Dataset Optimization

Ch 21: Power BI Cloud Apps

- ✓ Power BI Apps: Creation
- ✓ App Sections & Content
- ✓ Audience Options
- ✓ App Security & Sharing
- ✓ App Updates, Favourites
- ✓ App URL, End User Access

Ch 22: Power BI Report Server

- ✓ SQL Server 2025
- ✓ Power BI Report Server
- ✓ Report Server Vs Cloud
- ✓ Installation, Configuration
- ✓ RS Config Tool Options
- ✓ Report Database, TempDB
- ✓ Web Service & Server URL

Ch 23: Paginated Reports

- ✓ Report Builder Tool
- ✓ Paginated Report (RDL)

- ✓ Report Expressions (RDL)
- ✓ Tablix, Chart Wizards
- ✓ Fields & Drill-Down
- ✓ RDL Report Publish

Ch 24: DAX Concepts (Basics)

- ✓ DAX Concepts: Intro & Realtime Need
- ✓ DAX Columns: Creation, Use
- ✓ DAX Measures: Creation, Use
- ✓ DAX Functions: IIF, ISBLANK
- ✓ SUM, CALCULATE Functions

Ch 25: DAX Quick Measures

- ✓ Quick Measures in Power BI
- ✓ Running Totals
- ✓ Star Rating Calculations
- ✓ DAX Measures in Data View
- ✓ DAX in Cloud Reports

Ch 26: Data Modelling, DAX

- ✓ Dimensions Tables
- ✓ Fact Tables & DAX Measures
- ✓ Data Models & DAX Joins
- ✓ Star & Snowflake Schemas
- ✓ Many-to-Many Relationships
- ✓ Composite Models
- ✓ Calculation Groups
- ✓ Field Parameters, Aggregations

Ch 27: DAX Joins, Variables

- ✓ CALCULATEX & Variables
- ✓ COUNT, COUNTA, etc..
- ✓ SUM, SUMX, etc..
- ✓ SELECTED MEMBER
- ✓ Filter Context, RETRUN
- ✓ Dynamic Report with DAX

Ch 28: DAX Models & Calculations

- ✓ VAR, SWITCH
- ✓ SUMMARIZE
- ✓ ADDCOLUMNS
- ✓ TREATAS
- ✓ USERRELATIONSHIP
- ✓ CROSSFILTER
- ✓ GENERATE
- ✓ RANKX, TOPN
- ✓ WINDOW
- ✓ OFFSET, INDEX

Ch 29: DAX Time Intelligence

- ✓ Need for Time Intelligence
- ✓ Date Table Generation
- ✓ Time Intelligence with DAX
- ✓ PARALLELPERIOD, DATE
- ✓ CALENDAR, Total Functions
- ✓ YTD, QTD, MTD with DAX

Ch 30: DAX - Row Level Security

- ✓ RLS: Row Level Security
- ✓ Data Modelling & Roles
- ✓ Add Cloud Users to Roles
- ✓ Dynamic Row Level Security

Ch 31: KPI Design

- ✓ Revenue
- ✓ Profit & Margin
- ✓ Customer Retention
- ✓ Churn
- ✓ Conversion Rate
- ✓ Sales Growth
- ✓ ROI
- ✓ YoY Growth
- ✓ MoM Growth

Ch 32: Analytical Reports & AI

- ✓ Analytical Report Concepts
- ✓ Excel with Power BI Cloud
- ✓ SQL, AVRO, JSON Sources
- ✓ Analyse in Excel (Cloud)
- ✓ Excel Reports to Cloud

Ch 33: Analytical Reports & AI - 2

- ✓ AI Fundamentals
- ✓ AI in Realtime
- ✓ Microsoft Copilot
- ✓ Copilot Architecture
- ✓ Copilot with Power BI Desktop
- ✓ CoPilot in Power BI Cloud

Ch 34: Analytical Reports & AI - 3

- ✓ Key Influencers
- ✓ Decomposition Tree
- ✓ Smart Narrative
- ✓ Q&A Visual
- ✓ Anomaly Detection
- ✓ Forecasting

- ✓ AI Visuals
- ✓ Azure AI Integration

Ch 35: PL-300 Exam Guidance

- ✓ PL-300 Exam Guidance
- ✓ Exam Samples
- ✓ Exam Scenarios
- ✓ Fabric Integrations
- ✓ Azure Integrations

Module 3: TABLEAU

CH 1: TABLEAU INTRO, INSTALLATION

- ✓ Introduction to Tableau
- ✓ Report Types in Real-time
- ✓ Data Sources for Report Design
- ✓ Tableau as a Self Service BI
- ✓ Tableau Features
- ✓ Power BI Licensing Plans

CH 2: TABLEAU ARCHITECTURE

- ✓ Data Sources, Connectors
- ✓ Tableau Clients
- ✓ Tableau Server Components
- ✓ VizQL Server & Data Engine
- ✓ Backgrounder, Data Server
- ✓ Fast Data Engine
- ✓ Gateway Components

CH 3: TABLEAU INTRO, INSTALLATION

- ✓ Tableau Public Desktop
- ✓ Report Development
- ✓ Data Sources Types
- ✓ Tableau Prep Tools
- ✓ Data Modelling
- ✓ Drilldown Reports

CH 4: TABLEAU REPORTS & JOINS

- ✓ Data Search
- ✓ Alias, Bins, Workbooks
- ✓ Bookmarks, Calculations
- ✓ Tableau File Type
- ✓ Pages, Rows, Columns
- ✓ Joins in Tableau Sources
- ✓ Inner, Left / Right Outer Joins

CH 5: TABLEAU REPORT DESIGN

- ✓ Cross Tabs, Dashboards,
- ✓ Visual Sync
- ✓ Sets, Marks, Workbooks
- ✓ Data Pane, Dimensions
- ✓ Extract, Filters

CH 6: BIG DATA ACCESS, BLENDING

- ✓ SQL Data Access
- ✓ Remote Data Sources
- ✓ Remote Joins
- ✓ SQL Queries in Tableau
- ✓ Data Blending
- ✓ Multiple Data Sources
- ✓ Combine, Aggregations
- ✓ Data Grouping
- ✓ Tableau Operators

CH 7: TABLEAU CALCULATIONS

- ✓ Tableau Calculations
- ✓ Numerical Calculations
- ✓ Aggregated Calculations
- ✓ Calculations From Shelves
- ✓ Calculation Edits, Identifications

CH 8: STRING, DATE FUNCTIONS

- ✓ Tableau Functions
- ✓ String Functions
- ✓ Date Functions
- ✓ Time Functions
- ✓ Aggregation Functions
- ✓ Other Functions

CH 9: TABLE CALCULATIONS

- ✓ Calculations For Year, Quarter, Month
- ✓ Custom Calculations
- ✓ Data Appending
- ✓ Custom Date and Time Formats
- ✓ Calculations Reuse and Edits
- ✓ Date and Time Conversions
- ✓ Running Total
- ✓ Row Number, Case Statements

CH 10: LOD CALCULATIONS

- ✓ Table Calculations
- ✓ Level of Details
- ✓ Table Calculations
- ✓ Partitioning, FIXED LOD
- ✓ INCLUDE LOD Expressions

- ✓ EXCLUDE LOD Expressions

CH 11: TABLEAU VISUALIZATIONS - 1

- ✓ Tableau Visualizations
- ✓ Tableau Bar Charts
- ✓ Horizontal & Colored Charts
- ✓ Interactive Charts & Filters
- ✓ Continuous Charts
- ✓ Dual Line Chart, Area Charts
- ✓ CrossTab Charts, Pie Charts

CH 12: TABLEAU VISUALIZATIONS - 2

- ✓ Divergence, Color Palettes
- ✓ Box & Wishker Plots
- ✓ Text Tables;
- ✓ Heat Maps, Treemaps
- ✓ Motion Charts
- ✓ Bullet Graphs

CH 13: TABLEAU FILTERS

- ✓ Tableau Filters
- ✓ Extract Filters, TDE (hyper)
- ✓ twb Files, History, TDE
- ✓ Context Filters
- ✓ Dimension Filters
- ✓ Measure Filters
- ✓ Filters Scope and Quick Filters

CH 14: PARAMETERS, SETS

- ✓ Tableau Parameters
- ✓ Parameters, Conditions
- ✓ Calculations, Dynamic Filters
- ✓ Dynamic Dimensions
- ✓ Dynamic Measures With Sets
- ✓ IN and OUT Concepts

CH 15: TABLEAU FORECASTS, ACTIONS

- ✓ Tableau Trend Lines
- ✓ Reference Lines
- ✓ Forecasts, Exponential Smoothing
- ✓ Forecasts, Bookmarks
- ✓ Tableau Action Types
- ✓ Static/Dynamic Actions
- ✓ URL and Parameter Action Types
- ✓ Tableau Actions & Dashboards

CH 16: DASHBOARDS & STORIES

- ✓ Dashboards and Stories

- ✓ Building Dashboards
- ✓ Legends and Quick Filters
- ✓ Floating Layouts
- ✓ Layout Containers
- ✓ Dashboard Extensions, API
- ✓ Device Designer
- ✓ Customizing Layouts
- ✓ Bollinger Bands

CH 17: Tableau Prep

- ✓ Installation ETL
- ✓ Tableau Desktop Store
- ✓ Server Store

CH 18: TABLEAU SERVER

- ✓ Tableau Server - Architecture
- ✓ Installation Process
- ✓ Workbook, Sharing and Layouts
- ✓ Custom Layouts
- ✓ Tableau Online Vs Table Server
- ✓ Device Layouts in Tableau Online

CH 19: COLLOBORATE TABLEAU ONLINE

- ✓ Tableau Online, LIVE Reports
- ✓ Projects and Workbooks
- ✓ Report Views in Tableau Online
- ✓ Searching Content
- ✓ Account Settings, Drill Down
- ✓ Sharing, Subscription
- ✓ Web Authoring
- ✓ Phone Marks and Maps

CH 20: MANAGE TABLEAU SERVER

- ✓ Tableau Server - Administration Concepts
- ✓ Tableau Sites, Users, Groups Security
- ✓ Group Rules, Web Edits
- ✓ Project Permission and Locking
- ✓ Data Security with user Filters
- ✓ Filters and Hybrid Models in Server
- ✓ Access Roles, Schedules, Extraction
- ✓ TSM : Tableau Services Manager
- ✓ GUI and CLI; Backups and Restores
- ✓ Tabcmd : Imports; Tabcmd

Module 4: Realtime Projects

Project 1: Power BI Enterprise Project

Retail Sales & Executive Business Intelligence Dashboard

Domain

Retail / E-Commerce

Business Problem

The management team wants a centralized dashboard to analyze sales, customers, inventory, profitability, and regional performance for better business decisions.

Data Sources

- SQL Server Database
- Excel Files
- CSV Files
- SharePoint
- REST API
- Azure Blob Storage (Optional)

Deliverables

- PBIX File
- SQL Scripts
- ETL Documentation
- Data Dictionary
- Dashboard Documentation
- Business Requirement Document (BRD)
- Resume Points

Project 2: Tableau Enterprise Project

Healthcare Performance Analytics Dashboard

Domain

Healthcare

Business Problem

Hospital management wants to monitor patient admissions, doctor performance, operational efficiency, treatment outcomes, revenue, and resource utilization using interactive dashboards.

Data Sources

- SQL Server
- Oracle
- Excel
- CSV
- Salesforce
- Web Data Connector

Deliverables

- Tableau Workbook (.twb/.twbx)

- Tableau Prep Flow
- SQL Scripts
- Dashboard Documentation
- Business Requirement Document (BRD)
- KPI Document
- Resume Points

Career Guidance

- ✓ Resume Optimization
- ✓ LinkedIn Optimization
- ✓ ATS-Friendly Resume
- ✓ Salary Negotiation
- ✓ Interview Strategy
- ✓ Job Search Platforms
- ✓ AI Components For Resume

Learning Outcomes

After completing these projects, learners will be able to:

- Design enterprise BI solutions from scratch.
- Build executive dashboards with real business KPIs.
- Create scalable semantic data models.
- Develop advanced visualizations and analytical reports.
- Publish and manage reports on Power BI Service and Tableau Server/Cloud.
- Present portfolio-ready projects that strengthen resumes and prepare them for Senior Data Analyst interviews at MNCs.

 For free demo: Reach us on Call/WhatsApp @ +91 9666 64 0801 / +91 9666 44 0801

 www.sqlschool.com



THANK YOU!

THANK YOU FOR YOUR TIME,
ATTENTION & SUPPORT!

SQL
MANAGE | QUERY | ANALYZE

POWER BI
CONNECT | MODEL | VISUALIZE

TABLEAU
EXPLORE | ANALYZE | SHARE

DATA DRIVEN DECISIONS. BETTER OUTCOMES.