

SQL School™

Quality Training Assured

Azure DevOps Training

Complete Practical: Real-time Job Oriented Training

	PLAN A	PLAN B	PLAN C
Description	1. Azure DevOps	1. TSQL 2. Azure DevOps	1. TSQL 2. Power BI 3. Azure DevOps
Course Curriculum	Chapters 1 to 18	Chapters 1 to 30	Chapters 1 to 48
Azure DevOps Benefits	✓	✓	✓
SDLC, Dev & Operations, DevOps	✓	✓	✓
DevOps Tools, Git & GitHub	✓	✓	✓
Docker, Kubernetes, Azure DevOps	✓	✓	✓
Azure Boards, Azure Repos	✓	✓	✓
Azure Testing, Azure Artifacts	✓	✓	✓
Azure Pipelines (CI, CD)	✓	✓	✓
End to End Implementation: Case Study	✓	✓	✓
Database Basics and SQL Basics	X	✓	✓
SQL Server & T-SQL Queries	X	✓	✓
Queries, Sub Queries, Remote Joins	X	✓	✓
Constraints, Group By, Merge, Rank	X	✓	✓
ER Diagrams and Excel ODC Files	X	✓	✓
End to End Implementation: Project	X	✓	✓
Power BI Report Design	X	X	✓
Power Query (M Language)	X	X	✓
DAX Queries and Data Modelling	X	X	✓
Power BI Service (Cloud), Tenants	X	X	✓
Gateways, Big Data Access (Azure)	X	X	✓
Power BI Admin, Big Data (Azure)	X	X	✓
Custom Visualizations and Apps	X	X	✓
Power BI Certification Guidance	X	X	✓
End to End Implementation: Project	X	X	✓
TOTAL DURATION	4 Weeks	6 Weeks	10 Weeks

Trainer : Mr. Sai Phanindra T : 16+ Yrs of Real-time Exp. Profile @ [linkedin.com/in/saiphanindra](https://www.linkedin.com/in/saiphanindra)

Azure DevOps Training Course Plan

Training Module		Dur	Plan A	Plan B	Plan C
Module 1	Azure DevOps [Services, Tools, CI and CD Pipelines]	4 W	✓	✓	✓
Module 2	SQL Basics, T-SQL Queries	2 W	X	✓	✓
Module 3	Power BI & Azure Data Analytics	4 W	X	X	✓
Total Duration [Including Real-time Project, Resume]			4 W	6 W	10 W

Module 1: Azure DevOps

Applicable for Azure DevOps Plan A, B, C

Ch 1. Azure DevOps Introduction

DevOps : Introduction and Usage; Software Development Life Cycle; Analysis, Design and Implementation; Testing, Deployment & Maintenance; Advantages of SDLC in Software; SDLC Implementation Techniques; Waterfall Method & Advantages; Agile Software Development Method; Need for DevOps Implementations; Need for Azure DevOps Implementation; Azure DevOps : Phases, LifeCycle; Continuous Integration and Testing; Continuous Deployment, Monitoring;

Ch 2. Azure DevOps Org & Security

Azure Account Registration & Logins; Azure Account Operations in Portal; DevOps Organization Creation; Organization Layout, Unique Names; Organization Entities: Projects, Users; Billing, Auditing, Notifications, Usage; Azure Active Directory Concepts; Azure AD Users : Creation & Use; Azure AD Groups : Creation & Use; AAD Concepts with Azure DevOps; Security Operations with Azure AD; Linking Azure AD Users to DevOps; Tenant Creation and Real-time Use;

Ch 3. Azure DevOps Projects, Boards

Azure DevOps Organizations, Projects; Azure DevOps Projects: Entities; Teams, Boards, Repos, Pipelines; Test Plans and Artifacts in Projects; Work Item: Tasks, Bugs & Test Cases; Azure DevOps Work Item Types (WIT); Overview of Basic and Agile WIT; Overview of CMMI and SCRUM; Inherited Process, Version Controls; Project Creation and Project Types; Azure DevOps Project Creation, Security; Project Level Operations, Azure Boards Basic Vocabulary: Items, Epic, Issue

Ch 4. Basic Work Item, Azure Boards

Work Item Concept: Basic WIT; Epics, Issues and Tasks in WIT; Organizing and Tracking WIT; To Do, Doing and Done Tasks; Backlog Process: Started / Completed; Epic Creation and Properties; Issue Creation and Properties; Kanban Boards and WIT Reports; Epic and Issue Verifications; Assigned To, Priority and State; Layout Changes in Azure DevOps; Task Completion, State History; Activity Checks, Links, Attachments;

Ch 5. Azure Boards: Backlogs, Sprints

Backlogs and Sprints in Basic Type; Product Backlog & Sprint Backlog; Create Work Item : Epic & Issue; Backlogs: Creation, Title, Assign To; Setting Priority and Add Task; Add Issue, New Work Items; User Stories and Effort Estimate; Azure Boards: Queries and Audits; Listing Items and Work Reviews; Triage and Charts (Dashboards); Parent - Child Related Work Items; Assigned To Me and Followed By

Ch 6: Work Item : Agile Process

Agile Work Item Process Usage; Epic, Feature, User Story, Task; Bug and Work Item Levels; Portfolio Level, Backlog Level; Issue and Bug Level in Agile; Feature, User Story and Tasks; Adding Users to Backlogs, Tests; Backlogs, Tests, Test Plans in Agile; Test Suite and Test Cases in Agile; Agile Work Flow and Glossary; Work Item Status in Agile: New; Active, Closed and Resolved Status;

Ch 7: CMMI Process and Workflow

Azure Boards with CMMI Process; Analysis, Design, Implementation Phases; Testing & Support Phases in CMMI; Work Item Types: Epic, Bug, Feature; Change Request, Issue, Requirement; Tasks, Reviews, Risk and Test Cases; Work Item field index page; Activity, Triage, Committed, Blocked; Subject Matter Expert (SME), Tasks; State, Triage and Committed Fields; Assigned To, User Acceptance Tests; Original Estimate, Time Criticality;

Ch 8: Scrum Work Item Process

Scrum Work Item Process, Usage; Epics, Backlogs, Bugs and Tasks; Approve, Commit, Work Status; Work Completed / Work Stopped; Move / Remove Backlog Items; Task Level Work Items in DevOps; PBI and Bugs in Scrum Process; Tracking Impediments, Hierarchy; Implementing Scrum Process Item; Assigning, Securing Scrum Items; Limitations with Scrum Process; Comparing Work Item Process;

Ch 9: Inherited Work Item Process

Limitations with System Processes; Need for Inherited Work Items; Creating and Using Inherited Items; Creating New Projects and Items; Default Process and Clone Options; Security Roles: Administrator; Delete and Edit Process Roles; Creating Organizations & Projects; Creating New Work Items & Epics; Descriptions, Groups and Fields; Layouts and Options with Items; Removing WIT, Project & Org;

Ch 10: Kanban Boards, Customization

Kanban Boards for Process Reports; Cards : Epic / Issue Status Tracking; Backlog, Active, Resolved, Closed; Define Work Items and Tracking; Product & Portfolio Kanban boards; Swimlanes: Creation and Usage; Work-in-Progress (WIP) Limits; Work in Progress Limits & Usage; Highlight Cards, Define Style Rules; Customizing Kanban Boards; Customize Fields & Styles in Kanban; Splits, Tags, Card Order, Burn Down;

Ch 11: Azure Repos, Version Control, Git

Version Control Systems (VCS); Create workflows, Work with versions; Code together, Version Synchronize; Team Foundation Version Control; GIT : A Distributed System & use; Work Stations and Remote Repos; Git Installation, Repos, git init, git add; git commit, git status, git config; git branch, git checkout, git merge; git remote, git clone, git push; git push, git stash, git log, git rm; Remote Repos (GitHub & Bitbucket);

Ch 12: Azure Repos and Branching

Azure Repos : Configurations, Usage; Azure git Initialization, Limitations; Need for Tortoise Git, Advantages; git add --all command and Options; git commit -m, git push, git add; git pull and Merging / Branching; Tortoise Git: Installation, Usage; Cloning with Tortoise git, Uploads; Azure Repos: Branching Concept; git branch and changesets in VCS; Branching: Features & Advantages; git branch, git checkout Operations;

Ch 13: Visual Studio with Azure Repos

Using Visual Studio for Azure Repos; Version Control with Visual Studio; Team Explorer and Cloning Options; Git Changes, Branching & Merging; Synchronization with Azure Repos; Push / Pull and Commit Options; Azure Pipelines and Real-time Use; Version Controls & Deployments; Azure Pipeline Process, Monitoring; Azure Pipeline Advantages, Pricing; CI & CD Pipelines, CI/CD Tools; Azure Pipeline Types & Targets;

Ch 14: Continuous Integration (CI)

Continuous Integration (CI) & Builds; Build Pipelines in Azure DevOps; Local Development and Builds; Git Version Controls / Visual Studio; Azure DevOps Service, Azure Repo; Working with CI Pipelines in Realtime; Azure SQL Database Projects; DACPAC Files : Creation and Tests; Visual Studio Builds and Locations; Git Configuration and Commits; Continuous Integration Options; Running CI Pipelines in Azure DevOps;

Ch 15: Release Pipelines in Azure DevOps

Release Pipelines : Creation, Usage; Continuous Delivery and Deployments; Pre-Production and Production Stages; Working of Release Pipelines in Azure; Pre Deployment, Queue and Agents; Artifacts and Run Deployment Tasks; Release Pipelines and Jobs in Azure; Cloud Deployments in Real-time; SQL Database Deployments in Azure; Creating Releases, Linking Artifacts; Creating Jobs and Execution Context; Post Deployment & Script Verification;

Ch 16: Azure and Power BI Pipelines

DevOps Pipelines for Azure Resources; Creating Classic Model Pipelines; Creating New Jobs and Steps; Creating Resource Groups, Parameters; Data Factory Operations & Pipelines; Commenting and Running Pipelines; LIVE Metrics and Log Reports (RAW); Power BI with Azure DevOps; Power BI Parameters, Azure Pipelines; Pipeline Runs in Dev, Test and Prod; Query Caching, Document CS, Actions; Builds, Artifact Stating Directories;

Ch 17: Containers in Azure DevOps

Containerization Concepts, Uses; Comparing VMs and Containers; Advantages of Containers over VM; Prepacked Entities and Docker; Security Advantages with Containers; Using Containers in Azure DevOps; Azure Containers & Kubernetes; Dev and Test Environments; Docker Hub and App Installations; Docker Container Engine and Use; Docker Architecture, Docker Daemons; Docker Containers & Registries Usage;

Ch 18: DevOps Server - Configurations

Azure DevOps Server - Advantages; On-Premise Configurations for Server; Code Share, Track Work and Shipping; Visual Studio Team Foundation Server; Azure DevOps Server - Installation; Criterion for Azure DevOps Server; SQL Server Installation for DevOps; Database Engine, FullText Search; Creating Projects in

DevOps Server; Creating Work Items and Processes; Work Item Tracking and Reports; Real-time Usage with DevOps Server;

Module 2: SQL Server & T-SQL Basics

Applicable for Azure DevOps Plan B, C

Chapter 1: SQL SERVER INTRODUCTION

Data, Databases and RDBMS Software; Database Types : OLTP, DWH, OLAP; Microsoft SQL Server Advantages, Use; Versions and Editions of SQL Server; SQL : Purpose, Real-time Usage Options; SQL Versus Microsoft T-SQL [MSSQL]; Microsoft SQL Server - Career Options; Database Engine Component and OLTP; BI Components, Data Science Components; ETL, MSBI and Power BI Components; Course Plan, Resume, Project; 24 x 7 Lab; Software Installation Pre-Requisites;

Chapter 2: SQL SERVER INSTALLATIONS

System Configuration Checker Tool; Versions and Editions of SQL Server; SQL Server Pre-requisites : S/W, H/W; SQL Server 2016 / 2017 Installation; SQL Server 2019 Installation; Instance Name; Instances : Types; Default Instance, Named Instances; Port Numbers; Service and Service Account; Authentication Modes and Logins; FileStream, Collation Properties;

Chapter 3: SSMS Tool, SQL BASICS - 1

SQL Server Management Studio; Local and Remote Connections; System Databases: Master and Model; MSDB, TempDB, Resource Databases; Creating Databases : Files [MDF, LDF]; Creating Tables in GUI; Data Insertion & Storage; SQL : Real-time Usage; DDL, DML, SELECT, DCL and TCL Statements; Data Storage, Inserts - Basic Level; SELECT; Table Data Retrieval;

Chapter 4: SQL BASICS - 2

Creating Databases & Tables in SSMS; Single Row Inserts, Multi Row Inserts; Rules for Data Insertion Statements; SELECT Statement @ Data Retrieval; SELECT with WHERE Conditions; AND and OR; IN and NOT IN; Between, Not Between; LIKE and NOT LIKE; UPDATE Statement; DELETE & TRUNCATE; Logged and Non-Logged Operations; ADD, ALTER and DROP Statements;

Chapter 5: SQL BASICS - 3, T-SQL Introduction

Schemas : Group Tables in Database; Using Schemas for Table Creation; Using Schemas in Table Relations; Table Migrations across Schemas; Default Schema : "dbo"; Import and Export Wizard; Bulk Operations; Excel File Imports / Exports; SQL Server Native Client; Executing SSIS Packages, Data Loads; Local and Global Temporary Tables; # & ## Prefix; Temporary Vs Permanent Tables;

Chapter 6: CONSTRAINTS & INDEXES BASICS

Constraints and Keys - Data Integrity; NULL, NOT NULL Property on Tables; UNIQUE KEY Constraint; PRIMARY KEY Constraint; FOREIGN KEY Constraint, References; CHECK Constraint; DEFAULT Constraint; Identity Property : Seed & Increment; Database Diagrams and ER Models; Indexes : Basic Types and Creation; Clustered and Non Clustered Indexes; Primary Key and Unique Key Indexes;

Chapter 7: JOINS and TSQL Queries : Level 1

JOINS; INNER JOINS For Matching Data; OUTER JOINS For (non) Match Data; Left Outer Joins; Right Outer Joins; FULL Outer Joins; One-way & Two Way Comparisons; "ON" Conditions; NULL, IS NULL; CROSS JOIN and CROSS APPLY; Join Options: Merge, Loop and Hash Joins;

Chapter 8: GROUP BY, T-SQL Queries : Level 2

GROUP BY Queries and Aggregations; Group By Queries with Having Clause & Where Clause; WHERE and HAVING in T-SQL; Rollup : T-SQL Queries; Cube : Usage and T-SQL Queries; UNION and UNION ALL; EXISTS; Sub Queries; Joins with Group By Queries; Nested Sub Queries; UNION and UNION ALL; Nested Sub Queries with Group By, Joins; Comparing WHERE, HAVING Conditions;

Chapter 9: JOINS & T-SQL Queries : Level 3

GetDate, Year, Month, Chapter Functions; Date & Time Styles, Data Formatting; DateAdd and DateDiff Functions; Cast and, Convert Functions in Queries; String Functions: SubString, Reliccate; Len, Upper, Lower, Left and Right; LTrim, RTrim, CharIndex Functions; MERGE Statement - Comparing Tables; WHEN MATCHED and NOT MATCHED; IIF() Function for Value Compares; CASE Statement : WHEN, ELSE, END; ROW_NUMBER() and RANK() Queries; Dense Rank and Partition By;

Chapter 10: VIEW, PROCEDURE, FUNCTION BASICS

Views : Types, Usage in Real-time; System Predefined Views and Audits; Listing Databases, Tables, Schemas; Functions : Types, Usage in Real-time; System Predefined Functions, Audits; DBId, DBName, ObjectID, ObjectName; Variables & Parameters; System Predefined Procedures; Parameters; Sp_help, Sp_helpdb and sp_helptext; sp_pkeys, sp_rename and sp_help;

Chapter 11: TRIGGERS & TRANSACTIONS

Triggers Real-world Usage; FOR/AFTER Triggers; INSTEAD OF Triggers; INSERTED, DELETED Memory Tables; DML Automations using Memory Tables; Read Only Tables; Enable Triggers and Disable Triggers; ACID Properties; Auto Commit; EXPLICIT & IMPLICIT; COMMIT and ROLLBACK; Open Transactions; Query Blocking Scenarios @ Real-time; NOLOCK and READPAST Lock Hints;

Chapter 12: ER MODELS, NORMAL FORMS

Normal Forms for Entity Relationships; First, Second, Third Normal Forms Usage; Boycee-Codd Normal Form: BNCF : Usage; 4 NF, EKNF, ETNF. Functional Dependency; Multi-Valued, Transitive Dependencies; Composite Keys and Composite Indexes; 1:1, 1:M, M:1, M:M Relationship Types; SQL Queries Access in Reporting Tools; Office Data Connection Files; Excel Pivot Reports; SQL Queries in BI Tools; FETCH OFFSET, NEXT ROWS; Data Refresh (Manual, Automated);

REAL-TIME CASE STUDY - 2(Sales & Retail), EXCEL INTEGRATION

Module 3: Power BI (Reports, Cloud, Server, Analytics)

Applicable for Azure DevOps Plan C

Chapter 1 : POWER BI BASICS

Power BI Job Roles in Real-time; Power BI Data Analyst Job Roles; Business Analyst - Job Roles; Power BI Developer - Job Roles; Power BI for Data Scientists Comparing MSBI and Power BI; Comparing Tableau and Power BI; MCSA 70-778, MCSA 70-779 Exam; Types of Reports in Real-World; Interactive & Paginated Reports; Analytical & Mobile Reports; Data Sources Types in Power BI; Licensing Plans; Power BI Training : Lab Plan; Power BI Dev, Prod Environments;

Chapter 2 : BASIC REPORT DESIGN

Power BI Desktop Installation; Data Sources & Visual Types; Canvas, Visualizations and Fields; Get Data and Memory Tables; In-Memory xvelocity Database; Table and Tree Map Visuals; Format Button and Data Labels; Legend, Category and Grid; PBIX and PBIT File Formats; Visual Interaction, Data Points; Disabling Visual Interactions; Edit Interactions - Format Options; SPOTLIGHT & FOCUSMODE; CSV and PDF Exports. Tooltips; Power BI EcoSystem, Architecture;

Chapter 3 : VISUAL SYNC, GROUPING

Slicer Visual : Real-time Usage; Orientation, Selection Properties; Single & Multi Select, CTRL Options; Slicer : Number, Text and Date Data; Slicer List and Slicer Dropdowns; Visual Sync Limitations; Disabling Slicers; Grouping : Real-time Use, Examples; List Grouping and Binning Options; Grouping Static / Fixed Data Values; Grouping Dynamic / Changing Data; Bin Size and Bin Limits (Max, Min); Bin Count and Grouping Options; Grouping Binned Data, Classification;

Chapter 4 : HIERARCHIES, FILTERS

Creating Hierarchies in Power BI; Independent Drill-Down Options; Dependant Drill-Down Options; Conditional Drilldowns, Data Points; Drill Up Buttons and Operations; Expand & Show Next Level Options; Dynamic Data Drills Limitations; Show Data and See Records; Filters : Types and Usage in Real-time; Visual Filter, Page Filter, Report Filter; Basic, Advanced and TOP N Filters; Category and Summary Level Filters; DrillThru Filters, Drill Thru Reports; Keep All Filters" in DrillThru; CrossReport Filters, Include, Exclude;

Chapter 5 : BOOKMARKS, AZURE, MODELING

Drill-thru Filters, Page Navigations; Bookmarks : Real-time Usage; Bookmarks for Visual Filters; Bookmarks for Page Navigations; Selection Pane with Bookmarks; Buttons, Images with Actions; Buttons, Actions and Text URLs; Bookmarks View & Selection Pane; OLTP Databases, Big Data Sources; Azure Database Access, Reports; Import & Direct Query with Power BI; Enter Data; Data Modeling : Currency, Relations; Summary, Format, Synonyms; Web & Mobile View in PBI;

Chapter 6 : VISUALIZATION PROPERTIES

Stacked Charts and Clustered Charts; Line Charts, Area Charts, Bar Charts; 100% Stacked Bar and Column Charts; Map Visuals: Tree, Filled, Bubble; Cards, Funnel, Table, Matrix; Scatter Chart : Play Axis, Labels; Series Clusters; Waterfall Chart; ArcGIS Maps; Infographics; Color Saturation, Sentiment Colors; Column Series, Column Axis in Lines; Join Types : Round, Bevel, Miter; Shapes, Markers, Axis, Plot Area; Data Colors; Series, Custom Series and Legends;

Chapter 7 : POWER QUERY LEVEL 1

Power Query Architecture and M Language; Data Types, Literals and Values; Power Query Transformation Types; Table & Column; Text & Number Transformations; Date, Time and Structured Data; List, Record & Table; let, source, in statements @ M Lang; Power Query Functions, Parameters; Invoke Functions; Get Data, Table Creations, Edit; Merge and Append Transformations; Join Kinds, Advanced Editor, Apply; ETL Operations with Power Query;

Chapter 8 : POWER QUERY LEVEL 2

Query Duplicate, Query Reference; Group By and Advanced Options; Aggregations with Power Query; Transpose, Header Row Promotion; Reverse Rows and Row Count; Data Type Changes & Detection; Replace

Columns: Text, NonText; Replace Nulls: Fill Up, Fill Down; PIVOT, UNPIVOT; Move Column and Split Column; Extract, Format; Date & Time Transformations; Deriving Year, Quarter, Month, Chapter; Add Column : Query Expressions; Query Step Inserts and Step Edits;

Chapter 9 : POWER QUERY LEVEL 3

Creating Parameters in Power Query; Parameter Data Types, Default Lists; Static/Dynamic Lists For Parameters; Removing Columns and Duplicates; Convert Tables to List Queries; Linking Parameters to Queries; Parameters and PBI Canvas; Multi-Valued Parameter Lists; Creating Lists in Power Query; Converting Lists to Table Data; Advanced Edits and Parameters; Data Type Conversions, Expressions; Columns From Examples, Indexes; Conditional Columns, Expressions;

Chapter 10 : DAX Functions - Level 1

DAX : Importance in Real-time; Real-world usage of Excel, DAX; DAX Architecture, Entity Sets; DAX Data Types, Syntax Rules; DAX Measures and Calculations; ROW Context and Filter Context; DAX Operators, Special Characters; DAX Functions, Types in Real-time; Vertipaq Engine, DAX Cheat Sheet; Creating, Using Measures with DAX; Creating, Columns with DAX; Quick Measures; SUM, AVERAGEX, KEEPFILTERS; Dynamic Expressions, IF in DAX;

Chapter 11 : DAX Functions - Level 2

Data Modeling Options in DAX; Detecting Relations for DAX; Using Calculated Columns in DAX; Using Aggregated Measures in DAX; Working with Facts & Measures; Modeling : Missing Relations; Modeling : Relation Management; CALCULATE Function Conditions; CALCULATE & ALL Member Scope; RELATED & COUNTRROWS in DAX; Slicing; Dynamic Expressions, RETURN; Date, Time, Text Functions; Logical, Mathematical Functions; Running Total, EARLIER Function;

Chapter 12 : DAX FUNCTIONS - Level 3

1:1, 1:M and M:1 Relations; Connection with CSV, MS Access; AVERAGEX and AVERAGE in DAX; KEEPFILTERS and CALCUALTE; COUNTRROWS, RELATED, DIVIDE; PARALLELPERIOD, DATEDADD; CALCULATE & PREVIOUSMONTH; USERELATIONSHIP, DAX Variables; TOTALYTD , TOTALQTD; DIVIDE, CALCULATE, Conditions; IF..ELSE..THEN Statement; SELECTEDVALUE, FORMAT; SUM, DATEDIFF Examples; TOCHAPTER, DATE, CHAPTER with DAX; Time Intelligence Functions;

Chapter 13 : POWER BI CLOUD – 1

Power BI Service Architecture; Power BI Cloud Components, Use; App Workspaces, Report Publish Related Datasets Cloud; Creating New Reports in Cloud; Report Publish and Report Uploads; Dashboards Creation and Usage; Adding Tiles to Dashboards; Pining Visuals and Report Pages; Visual Pin Actions in Dashboards; LIVE Interaction in Dashboard; Adding Images, Custom Links; Videos & Embed Links; API Data Sources; Streaming Dataset Tiles (REST API);

Chapter 14 : POWER BI CLOUD – 2

Dashboards Actions, Report Actions; DataSet Actions: Create Report; Share, Metrics and Exports; Mobile View & Dashboard Themes; Q & A [Cortana], Pin Visuals; Export, Subscribe, Subscribe; Favourite, Insights, Embed Code; Featured Dashboards and Refresh; Gateways Configuration, PBI Service; Gateway Types;

Gateway Clusters, Data Refresh : Manual, Automatic; PBIEngw Service; DataFlows, Power Query Expressions; Adding Entities, JSON Files;

Chapter 15 : EXCEL, ROW LEVEL SECURITY

Import and Upload Options in Excel; Excel Workbooks and Dashboards; Datasets in Excel and Dashboards; Using Excel Analyzer in Power BI; Using Excel Publisher in PBI Cloud; Excel Workbooks, PINS in Power BI; Excel ODC Connections, Power Pivot; Row Level Security (RLS) with DAX; Need for RLS in Power BI Cloud; Data Modelling; DAX Roles Creation and Testing; Power BI Users to Roles; Custom Visualizations; Histogram, Gantt Chart, Info graphics;

Chapter 16: REPORT SERVER, REPORT BUILDER

Need for Report Server in PROD; Install, Configure Report Server; Report Server DB, Temp Database; Webservice URL, Webportal URL; Creating Hybrid Cloud with Power BI; Using Power BI DesktopRS; Uploading Interactive Reports; Report Builder; Report Builder For Power BI Cloud; Designing Paginated Reports (RDL); Deploy to Power BI Report Server; Data Source Connections, Report; Power BI Report Server to Cloud; Tenant IDs; Mobile Report Publisher;

Chapter 17: AZURE BI INTEGRATIONS WITH POWER BI

Power BI with SQL Server Source; Power BI with Azure SQL Database; Power BI with Azure Data Warehouse (Synapse); Power BI with Azure Data Lake; Power BI with Azure Databricks; Power BI with Azure Cosmos DB; Power BI with Azure BLOB Storage; Azure AD Authentication;

Chapter 18: Real-time Project [Sales & Customers]

Resume, Project Oriented FAQs and Solutions

Resume, Project Oriented FAQs and Solutions

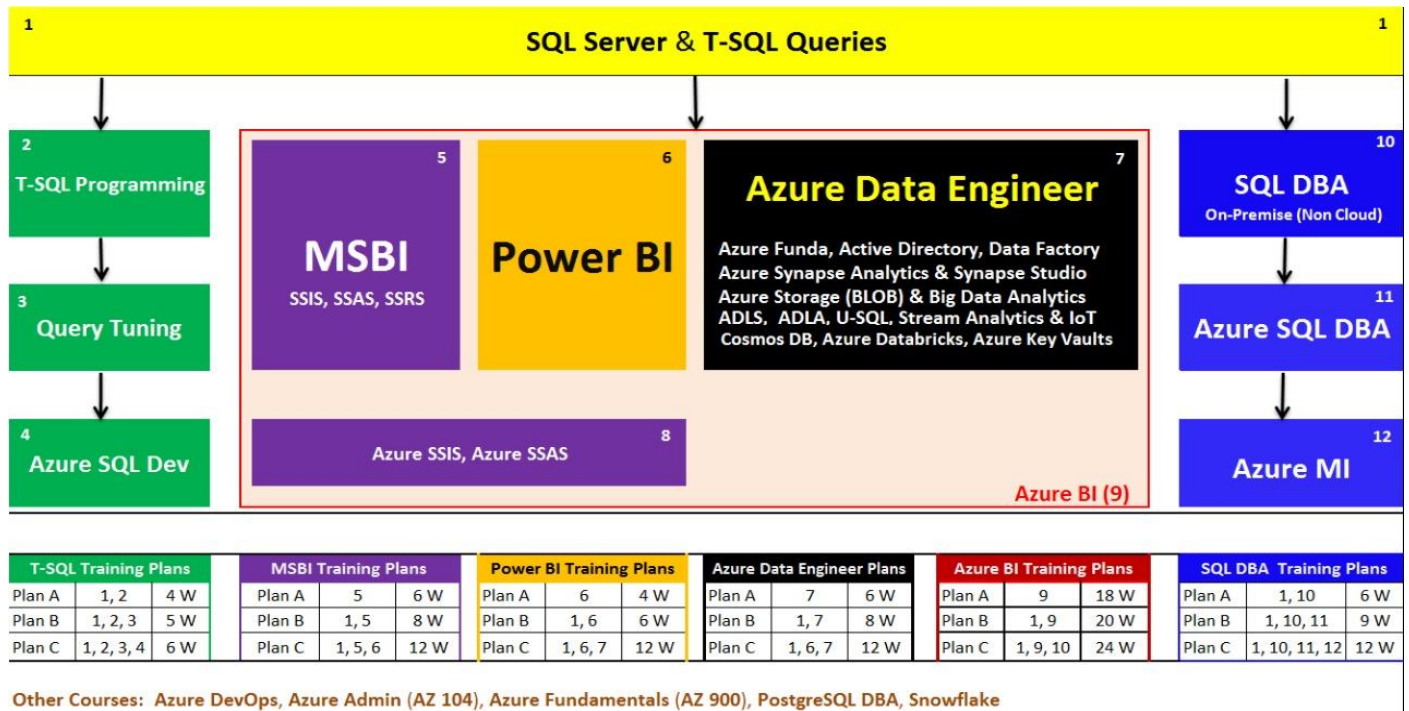
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