

Thank you for contacting our SQL School. I am Mr. Sai Phanindra, trainer for this PL300: Power BI Course. With 19+ Years of technical expertise exclusively on Database and Azure, BI Technologies, I assure you 100% Practical, Step by Step Classes for this in-depth Power BI with AI course. My Profile @ linkedin.com/in/saiphanindra/

Duration: 1 Month
Mode: LIVE Online, Self Paced Videos

Module 2: Power BI

Ch 1: Power BI Intro, Installation

- ✓ **Power BI & Data Analysis**
- ✓ **Power BI Eco System**
- ✓ **Power BI Design Tools**
- ✓ **Power BI Installation**

Ch 2: Report Design Concepts

- ✓ **Basic Report Design (PBIX)**
- ✓ **Data Points, Spotlight**
- ✓ **Visual Interactions & Edits**
- ✓ **Focus Mode, PDF Exports**

Ch 3: Grouping, Hierarchies

- ✓ Creating Groups: Lists
- ✓ Creating Groups: Bins
- ✓ Hierarchies & Drill-Downs
- ✓ Drill Up, Conditional Drilldown

Ch 4: 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 5: Filters & Drill Thru

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

Ch 6: Bookmarks, Buttons

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

Ch 7: SQL DB Access & Big Data

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

Ch 8: Power BI Visualizations

- ✓ Charts, Bars, Lines, Area
- ✓ Tree Maps & Axis Items
- ✓ Funnel, Card, Mult-Row Card
- ✓ Pie Charts & Waterfall
- ✓ Scatter Chart, Play Axis
- ✓ Infographics, Classifications

Ch 9: Power Query Transformations - 1

- ✓ Power Query (Mashup)

- ✓ ETL Transformations in PBI
- ✓ Table Combine Options
- ✓ Merge, Union All Options
- ✓ Missing Values, Duplicate Records
- ✓ Wrong Data Types, Outliers
- ✓ Close, Apply & Visualize

Ch 10: Power Query Transformations - 2

- ✓ Group By Transformation
- ✓ Aggregate, Pivot Operation
- ✓ Reverse Rows, Count Rows
- ✓ Data Cleaning, Null Handling
- ✓ Data Type Detection, Change
- ✓ Rename, Replace, Move
- ✓ Fill Up, Fil Down

Ch 11: Power Query Transformations - 3

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

Ch 12: Power Query Transformations - 4

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

Ch 13: Power BI Cloud & Fabric

- ✓ Power BI Cloud, Microsoft Fabric
- ✓ Microsoft Fabric Concepts
- ✓ Fabric One Lake (DWH, LH, etc.)
- ✓ Microsoft Fabric Workspace
- ✓ Power BI Desktop Connections
- ✓ Report Uploads (PBIX)
- ✓ Report Edits, Semantic Models

Ch 14: Power BI Cloud Dashboards

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

- ✓ **Q&A & Pin Tiles**

Ch 15: Power BI Cloud Operations

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

Ch 16: Power BI Cloud Gateways

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

Ch 17: Power BI Cloud Apps

- ✓ **Power BI Apps: Creation**
- ✓ **App Sections & Content**
- ✓ **Audience & App Security**
- ✓ **App Updates, Favorites**
- ✓ **App URL, End User Access**

Ch 18: Power BI Report Server, RDL

- ✓ **Power BI Report Server**
- ✓ **RS Config Tool Options**
- ✓ **Report Database, TempDB**
- ✓ **Web Service & Server URL**
- ✓ **Report Builder Tool**
- ✓ **Paginated Report (RDL)**
- ✓ **RDL Report Publish**

Ch 19: DAX Concepts & Calculations

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

Ch 20: DAX Quick Measures

- ✓ **Quick Measures in Power BI**
- ✓ **Running Totals**

- ✓ Star Rating Calculations
- ✓ DAX Measures in Data View
- ✓ DAX in Cloud Reports

Ch 21: Data Modelling

- ✓ Dimensions Tables
- ✓ Fact Tables & DAX Measures
- ✓ Data Models & DDAX Joins
- ✓ Star & Snowflake Schemas
- ✓ Many-to-Many Relationships
- ✓ Calculation Groups

Ch 22: DAX Joins, Variables

- ✓ CALCULATEX & Variables
- ✓ COUNT, COUNTA, etc..
- ✓ SUM, SUMX, etc..
- ✓ SELECTED MEMEBER
- ✓ Filter Context, RETURN

Ch 23: DAX Models & Calculations

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

Ch 24: 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 25: DAX - Row Level Security

- ✓ RLS: Row Level Security
- ✓ Data Modelling & Roles
- ✓ Add Cloud Users & KPIs
- ✓ CoPilot with DAX

Ch 26: DAX – Analytical Reports

- ✓ DAX with Excel
- ✓ Analytical Reports
- ✓ Virtual Cube Concepts

- ✓ **Cross Filter Reporting**
- ✓ **Alerts, Data Activator**

Ch 27: PL 300 Exam Guidance

- ✓ **PL 300 Exam Guidance**
- ✓ **Exam Samples**
- ✓ **Exam Scenarios**

Module 2: Realtime Project (HealthCare Platform)

Project Objective

Design and implement a modern Healthcare Data Platform using Power BI Analytics and Reporting services to process patient, hospital, clinical, and operational data for reporting, analytics, and decision-making.

Technologies Used

- ✓ **On-Premise SQL Server**
- ✓ **Azure SQL Database**
- ✓ **Power BI Service**
- ✓ **Power BI Report Server**
- ✓ **Power Pivot**
- ✓ **Report Builder**

Skills Gained

- ✓ **Data Modeling**
- ✓ **Power Query**
- ✓ **DAX**
- ✓ **End-to-End Power BI Project**

Career Guidance

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

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