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POWER-BI Desktop

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ABOUT THE TRAINER



Hirdesh Bhardwaj
Founder and Trainer
Webs Jyoti - Development & Training

Hirdesh Bhardwaj, a well known author as well as Founder & CEO of Webs Jyoti Training and development organization in Gurgaon, INDIA. He conducts training on Data Analytics- Excel, VBA Macros, SQL & Power BI covering basic to advanced MS Excel VBA including pivot tables, lookup functions, Joins, RDBMS, Triggers, Automations, logical functions, Procedures & various features available in analytical tools. He has more than **15 years of experience** with a well reputed MNCs where he spend more than 8 hours in a day working with Excel, RDBMS and always try to explore new challenges in corporate to make it absolute for the audience

As an Author, He wrote books on VBA for Excel, Web Designing & PHP MYSQL. One of his Book is Recommended for Reading and Reference By NIELIT - Govt. of India and other universities of India.. Hirdesh started his career in 2007 with NIIT LTD as an IT Trainer Where He taught over 5000+ Students. Besides books, Hirdesh has to published about 250 scripts and tutorials in upcoming years. In November 2009, He founded Webs Jyoti, - Development and Training Organization.

Corporate Training in Advance Excel, Macro Conducted By Hirdesh Bhardwaj: National Security Guard- NSG HQ, Realatic Realtors, India Shelter Finance Corporation, Nestle, Jastech Systems, National Skills Foundation of India, MB Informatics, SAP Lab India, MB Informatics, Alpine India, FIA Global, Pace Academy, Dudhi Industrie, Big Basket, Shreeram, Sigma Consultancy, Tendam, Pine Labs, Rosmerta and many more...



Introduction & Basic Report Design

- ❖ A Brief History of Power BI
- ❖ Data Visualization, Reporting
- ❖ Power BI Products
- ❖ Power BI Overview - Power Query Power View
- ❖ Flow of Work in Power BI Desktop
- ❖ Power BI Report Server, Power BI Service, Power BI Mobile Flow
- ❖ Power BI Architecture

Power Query (Data Transformation)

- ❖ Data Transformation, Benefits of Data Transformation
- ❖ Shape or Transform Data using Power Query
- ❖ Overview of Power Query Query Editor User
- ❖ Ribbon (Home, Transform, Add Column, View Tabs)
- ❖ Queries Pane, Data View Results Panel
 - ❖ Datatypes, Changing the Datatype of a Column
- ❖ in Power Query
- ❖ Auto Filter / Basic Filtering
- ❖ Filter a Column using Text Filters
- ❖ Filter a Column using Number Filters
- ❖ Filter a Column using Date Filters
- ❖ Filter Multiple Columns
- ❖ Remove Columns / Remove Other Columns
- ❖ Name / Rename a Column
- ❖ Reorder Columns or Sort Columns
- ❖ Add Column / Custom Column Split Columns
- ❖ Merge Columns
- ❖ PIVOT, UNPIVOT Columns
- ❖ Transpose Columns
- ❖ Header Row or Use First Row as Headers

- ❖ Keep Top Rows, Keep Bottom Rows Keep
- ❖ Keep Duplicates, Keep Errors
- ❖ Remove Top Rows, Remove Bottom Rows, Remove Alternative Rows
- ❖ Remove Duplicates, Remove Blank Rows, Remove Errors
- ❖ Group Rows / Group By

M Language

- ❖ IF..ELSE Conditions, Transform Column () Types
- ❖ Remove Columns (), Split Columns (), Replace Value()
- ❖ Table. Distinct Options and GROUP BY Options Table.
- ❖ Group (), Table. Sort () with Type Conversions PIVOT
- ❖ Operation and Table. Pivot(). List Functions Using
- ❖ Parameters with M Language

Data Modeling

- ❖ Data Modeling Introduction
- ❖ Relationship, Need of Relationship
- ❖ Relationship Types / Cardinality in General
- ❖ One-to-One, One-to-Many (or Many-to-One), Many-to-Many
- ❖ Auto-detect the relationship, Create a new relationship, Edit existing relationships
- ❖ Make Relationship Active or Inactive
- ❖ Delete a relationship

DAX - Data Analysis Expressions

- ❖ What is DAX, Calculated Column, Measures
- ❖ Creating Calculated Columns, Creating Measures
- ❖ Columns Vs Measures
- ❖ DAX Syntax & Operators & types
- ❖ Arithmetic Operators, Comparison Operators, Logical operators



Date Functions

- ❖ YEAR, MONTH, DAY
- ❖ WEEKDAY, WEEKNUM
- ❖ FORMAT (Text Function) à Month Name, Weekday
- ❖ DATE, TODAY, NOW
- ❖ HOUR, MINUTE, SECOND, TIME
- ❖ DATEDIFF, CALENDAR

Text Functions

- ❖ LEN, CONCATENATE (&)
- ❖ LEFT, RIGHT, MID UPPER, LOWER
- ❖ TRIM, SUBSTITUTE, BLANK

Logical Functions

- ❖ IF Function
- ❖ TRUE, FALSE NOT,
- ❖ OR, IN, AND
- ❖ IFERROR SWITCH

Math & Statistical Functions

- ❖ ROUND, ROUNDUP, ROUNDDOWN
- ❖ EVEN, ODD
- ❖ SUM, SUMX
- ❖ MIN, MINX
- ❖ MAX, MAXX
- ❖ COUNT, COUNTX
- ❖ AVERAGE, AVERAGEX
- ❖ COUNTROWS, COUNTBLANK

Filter Functions

- ❖ CALCULATE
- ❖ ALL
- ❖ RELATED
- ❖ Report View

Grouping & Binning

- ❖ Using grouping, Creating Groups on Text Columns
- ❖ Using binning, Creating Bins on Number Column and Date Columns
- ❖ Sort using the Sort by Column button
- ❖ Hierarchy Introduction, Default Date Hierarchy
- ❖ Creating Hierarchy, Creating Custom Date Hierarchy
Change Hierarchy Levels
- ❖ Drill-Up and Drill-Down Reports

Visualizations

- ❖ Visualization types, Create and Format Bar and Column Charts
- ❖ Create and Format Stacked Bar Chart Stacked Chart
- ❖ Clustered Bar Chart, Clustered Column Chart
- ❖ Format Pie and Donut Charts
- ❖ Create and Format Scatter Charts
- ❖ Create and Format Table Visual, Matrix Visualization
- ❖ Line and Area Charts
- ❖ Create and Format Ribbon Chart, Waterfall Chart, Funnel Chart



Power BI Service

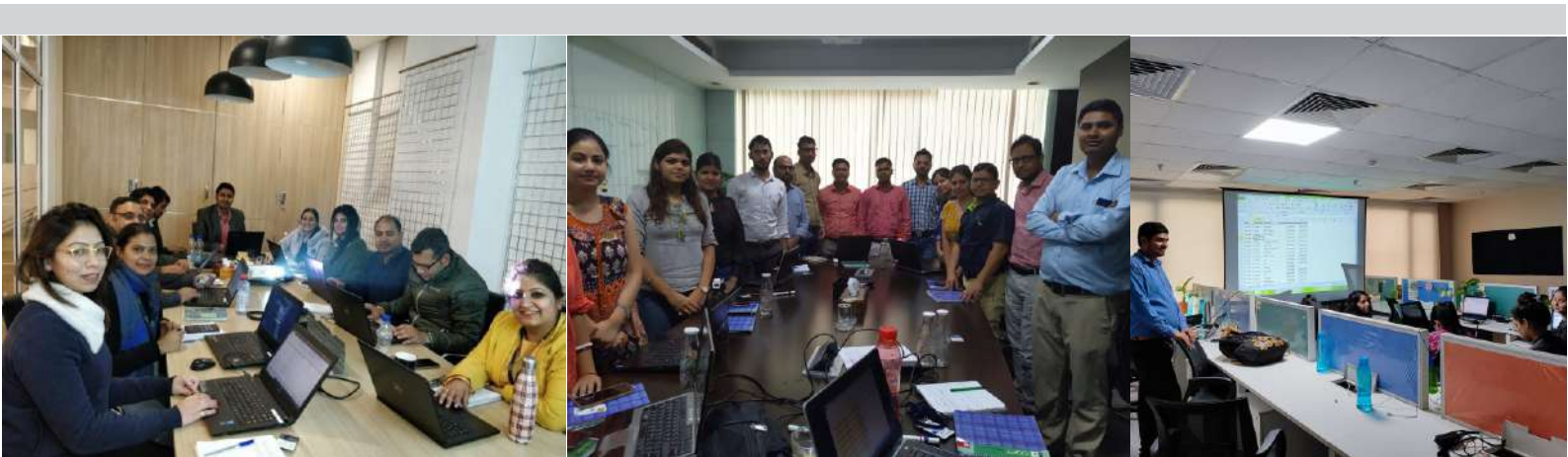
- ❖ Power BI Service Introduction, Power BI Cloud Architecture
- ❖ Creating Power BI Service Account, SIGN IN to Power BI Service Account
- ❖ Publishing Reports to the Power BI service,
- ❖ Workspace / App Workspaces Tabs
- ❖ DATASETS, WORKBOOKS, REPORTS, DASHBOARDS
- ❖ Working with Datasets, Creating Reports in Cloud using Published Datasets

Creating Dashboards

- ❖ Pin Visuals and Pin LIVE Report Pages to Dashboard
- ❖ Advantages of Dashboards
- ❖ Interacting with Dashboards
- ❖ Formatting Dashboard
- ❖ Sharing Dashboard

➤ Interview Preparation

➤ Certification



Our Data Analytics Modules



VBA Macros Training



SQL Server Training



Webs Jyoti, established in 2009 - Training and development organization based in Gurgaon NCR. We provide corporate training as well as classroom training for the professional. We work with the businesses and individuals who need MIS, Excel Macro and Data Analytics classes at Flexible timings & affordable pricing. We have conducted 800+ Classrooms and 100+ Corporate Training Successfully. We run weekdays as well as weekend classes at our training institute.



How to Reach Us?



M-24 Old DLF Colony, Sector 14 Gurugram, Haryana 122001

Call us : +91-8802000175, 0124-4059041
info@websjyoti.com | www.exceltraininggurgaon.in