



AFCKS Technologies

Power BI Pro

Introduction

This is an in-depth course covering all important aspects both (Power BI Desktop as well as Services), This course also includes DA-100 Exam Preparation.

This Course Covers

- Limited Power Query Examples
- In-depth DAX & Visualization Examples
- Elaborate Examples and Demonstrations for Power BI Services

The duration of this course is around 5 Months on Weekends, where each class is around 3.5 to 4 Hours with Total Approx. duration around 75 Hours of Rigorous training.

Examples and Concepts Coverage

- Import data from Excel, understanding where data is stored, Storage Size
- Correct Imported data to make first row as header in Power Query
- Show Data in Table, Formatting Options
- Create Matrix, Style and Grid Format Properties
- Clustered Column (X axis, Y axis, Title, Data Labels, Display Units to None, Change Field Property)
- Show Top 10 Most Profitable Customers with Bar colors from Image Color from Internet
- Remove Date Hierarchy, create a Line chart and Filter Date Greater than Date
- Create Slicer, Make Title Consistent, Create Chart Borders
- Add Qtr to Dashboard
- Create cards to show total profit and Sales, create Title from Shapes
- Add Filled Map to Dashboard, Conditional Formatting for Sales as Heat Map
- Period wise Customer Profitability Chart (Slicer and Area Chart)
- Create a DAX for Profit Percentage (Sum)
- Donut chart to show Profit and Sales by Region with Interactivity
- Add Tooltip and Change Title and see Interactions
- Add Card showing Sales and Profit within a Donut chart and make it transparent
- Conditional Formatting on Cards
- Deleting unwanted Columns
- Understanding Relationship, Create a Calculated Column
- Create a Tree Chart and Donut Chart, Top 10 Filtering, Remove Legends, Show All in Data Labels
- Edit Interactions to show Filtered view of Pie chart instead of Highlight View
- Show Tooltip Page as tooltip which shows when cursor is focused on Pie Chart Series

G-26 | 2nd Floor | Shantikunj Building | 4 Sadhu Vaswani Rd | Opp to GPO | Camp | Pune 411001

Call/WA: 9762118718 | Email: mohammed.raza@afcks.com | Site: <https://www.afckstechnologies.in>



AFCKS Technologies

- Show Employees Tenor in Clustered Column Chart (Column Bin, DateDiff, Today, Auto Relationship)
- Transform Slicer from vertical to horizontal layout and format it
- Using Histogram from file import and understanding its options
- Create Gauge Chart and Create a new table
- Edit Data in table, Edit Column to show Decimal for Target
- Show in Red if Employee Satisfaction less than 3.5 else in Green
- Show Position wise filters
- Show Gender wise Summary, Bins, Categorical Axis
- DAX IF for Custom Bins, Sort by Classification
- Star Ratings
- Show details on info click and hide on back button click
- Show both Absolute and Percentage Department wise Employee Performance
- Show Absolute and Percentage on button click
- Show Months in Axis for Column chart and Years in Group for Tree Map and Edit Interactions
- Change Column type, Duplicate Sheet, Visual Filters, Create and Insert Image
- Salary wise variety of comparison using scattered etc. charts
- Appending Years data one below another (It doesn't fulfill our requirement)
- Append Years Data using Power Query without using Append Option available by default
- Delete unwanted relations and Modify incorrect relations
- Create a Calculated Column using Power Query
- Difference between Implicit measure and Explicit Measure and when to use explicit Measure
- Understanding All DAX Function and using it to show Contribution Sales
- Understanding Difference between Sum and SumX
- Filter DAX Function vs Filter Pane and Filter Function vs Matrix
- Understanding Count and Distinct Count of Customers per product
- Create Calendar table with single directional relationship with Many to One
- Change Column Names, Create Area chart, Change MonthName sort order, Slicer Orientation for Numeric Years, Sort Area chart by Months
- Create a table in Power BI
- Edit Manual Table in Power Query, Selectedvalue to get selected row
- Using Switch and changing display units and show Area chart
- Understanding problem with Average on Data
- Draw average line on Area chart
- Show Years in Legend to show cumulative sales comparison
- Show multiple Continents on Area Chart
- Join Continents using Append Query, Hide tables from Report view
- Create a table and compare sales with previous year sales using DAX Measures
- Show difference using DAX Best Practices, Conditional Formatting
- Get Min and Max by Total Sales of each Sub Category
- Show only if Min and Max
- Font color conditional change on Min and Max
- Change Bar Colors, Red for Min and Green for Max
- Provide Custom Color to Bars and to Highest and Lowest Value
- Show Cities Concatenated by Comma under Regions

G-26 | 2nd Floor | Shantikunj Building | 4 Sadhu Vaswani Rd | Opp to GPO | Camp | Pune 411001

Call/WA: 9762118718 | Email: mohammed.raza@afcks.com | Site: <https://www.afckstechnologies.in>



AFCKS Technologies

- Get Ranks by Regions (Understanding Diff between Values and All)
- Get Ranks by State
- Create Calendar table and Week Column using DAX AddColumns
- Create a Matrix without stepped Layout just like Pivot table in Excel
- FirstDate and LastDate to get Min and Max
- Get Previous Weeks Sales
- Get Diff from Previous Week Sales (DatesBetween, FirstDate, LastDate, IF, CountRows, Calculate)
- Previous 3 Days Moving Average irrespective of Sales made or not
- 3 Days Moving Average using AverageX and DatesinPeriod
- Created Moving Avg Table and Show it in Slicer and its value in Card
- Link Averagex Moving Avg Measure with Selected Value Measure
- Add 90 Days to Table
- Show Data by Sales, Profit, Cost by Selection
- Get Min and Max from Result from another table (Summarize Column, Group by, Current Group)
- Compare Current with Previous (Non Consecutive) days Payment)
- Join two webpage data and show In Map using Conditional Formatting
- Use WEB API read JSON data and Manipulate MCode
- Use WEB Parts and Parameter
- Use Parameters to make path dynamically change
- Read data from XML, Remove Columns
- Read data from PDF combine and Split in Power Query
- Read data from CSV
- Read Odata
- Import from Google Sheet
- SQL Server Import Data, Build Relationships
- SQL Server Direct Query
- Dual Mode Import only Dim Table and Keep Fact table as connection
- Import using SQL Query
- Import data from Python
- Python Visualization
- Create Hierarchies
- Synk Slicers
- Customer feedback for Key Influencers
- Decomposition Tree
- Q&A
- Drill Through Reports
- Smart Narrative
- Small Multiples
- Publishing Reports to Power BI Services
- Creating & Managing Workspaces
- Managing Datasets
- Understanding Dataflows
- Sharing Concepts

G-26 | 2nd Floor | Shantikunj Building | 4 Sadhu Vaswani Rd | Opp to GPO | Camp | Pune 411001

Call/WA: 9762118718 | Email: mohammed.raza@afcks.com | Site: <https://www.afckstechnologies.in>



AFCKS Technologies

- Understanding difference between Reports and Dashboards and Working on it.
- Row Level Security (RSL) Concepts
- Managing Roles
- Exporting to Power Point and PDF
- Concept of Schedule Refresh
- Concepts of Incremental Refresh
- Embedding Reports
- Streaming Datasets
- Analysis in Excel
- Sharing and Subscribing