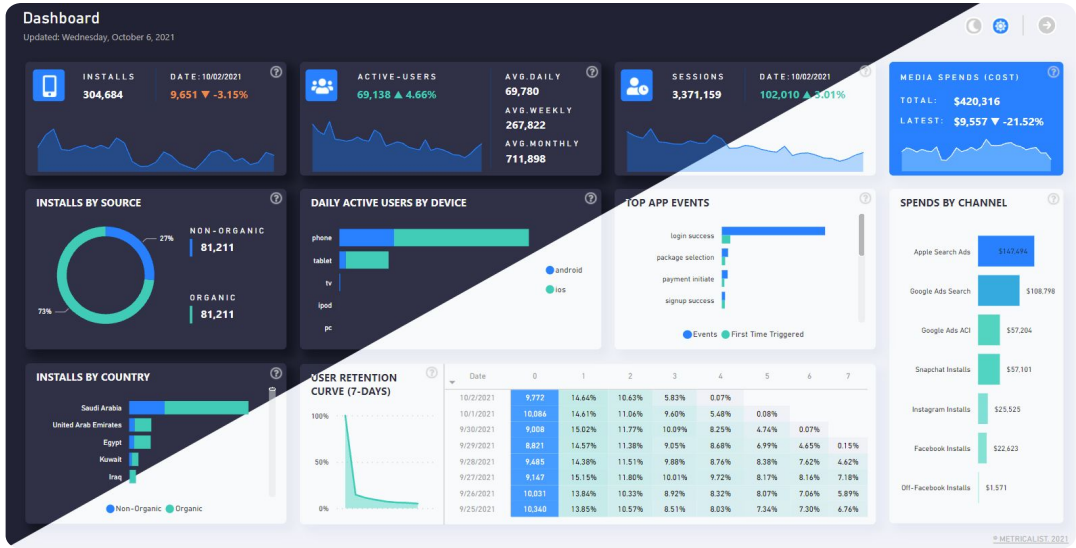
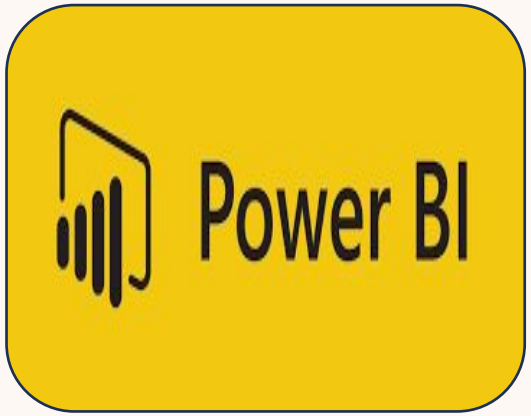
Power BI Course

By Mohamed Abdelfattah



Course Objective



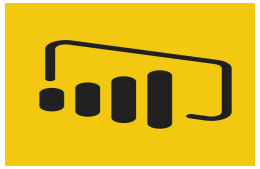
You'll learn all of the features in power BI that allow you to explore, experiment with, fix, prepare, and present data easily, quickly and beautifully.

Power Bi Course Content

- Design Interactive Power BI Reports
- Connect & Transform the Raw Data
- Build a Relational Data Model
- DAX

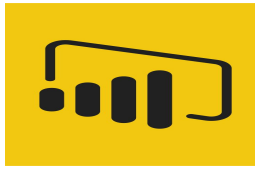
Design Interactive Power BI Reports

- Intro to the Power BI Report View
- Adding Basic Charts to Power BI Reports
- Formatting & Filtering Options
- Matrix Visuals
- Slicers & Timelines &Filter
- Cards & KPIs
- Power BI Map Visuals (Basic, Fill, ArcGIS)
- Treemaps, Lines, Areas & Gauges
- Editing Report interactions
- Adding Drillthrough Filters
- Linking to Report Bookmarks
- Using "What-If" Parameters
- PREVIEW: Publishing to Power BI Service
- Power BI Data Viz Best Practices



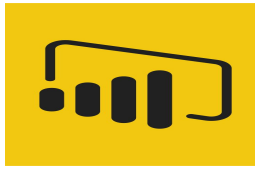
Connect & Transform the Raw Data

- Import data from various external sources, folders & Excel workbooks,websites,Database (access)
- Dealing with power query editor
- Intro to the Power BI Query Editor
- Types of Power BI Data Connectors
- Basic Table Transformations
- Text, Number & Date Tools
- Index & Conditional Columns
- Grouping & Aggregating Data
- Pivoting & Unpivoting
- Modifying, Merging & Appending Queries
- Connecting to Folders
- Defining Hierarchies & Categories
- Query Editing & Power BI Best Practices



Build a Relational Data Model & DAX

- Creating Power BI Table Relationships
- Connecting Multiple Data Tables
- Intro to Data Analysis Expressions (DAX)
- Calculated Columns vs. Measures
- Common Power BI Functions
- Basic Date & Time Formulas
- Logical & Conditional Statements
- Text, Math & Stats Functions
- CALCULATE, ALL & FILTER Functions
- DAX Iterators (SUMX, AVERAGEX)



Course Information

DURATION : 20 TRAINING HOURS

PRACTICAL ASSIGNMENT IN SESSIONS

Thank
You