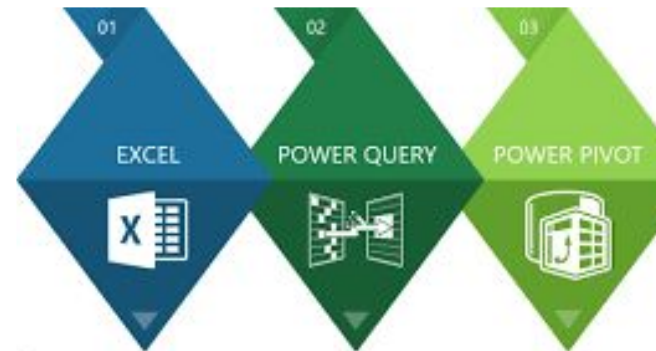


Excel For Analysis

By Mohamed Abdelfattah



Course Objective













LEARN DATA ANALYSIS TOOLS THROUGH MICROSOFT EXCEL, THAT ALLOW YOU TO CREATE OPPORTUNITIES FOR YOU OR KEY DECISION-MAKERS TO DISCOVER DATA PATTERNS SUCH AS CUSTOMER PURCHASE BEHAVIOR, SALES TRENDS AND HR REPORTS.



YOU'LL LEARN ALL OF THE FEATURES IN EXCEL THAT ALLOW YOU TO EXPLORE, EXPERIMENT WITH, FIX, PREPARE, AND PRESENT DATA EASILY, QUICKLY AND BEAUTIFULLY.

Excel Course Content

-  Pivot Table
-  Pivot Chart
-  Power Query
-  Power Pivot
-  Data Visualization
-  Building Dashboard
-  What If Analysis
-  Forecast Sheet
-  Analyze Data Tool
-  Statistics Functions





Pivot Table and Pivot Chart Content

- CUSTOMIZE YOUR PIVOT TABLE
- VALUE FIELD SETTINGS > SUMMARIZE VALUES BY
- VALUE FIELD SETTINGS > SHOW VALUES AS
- GROUPING
- SORTING
- FILTERING
- SLICERS
- CALCULATED FIELDS & ITEMS
- PIVOT CHART
- Chart formatting tips



Power Query Content

- Import data from various external sources, folders & Excel workbooks, websites, Database (access)
- Clean & transform lots of data quickly
- Consolidate data with ease
- Sort & Filter data
- Merge data
- Join data
- Dealing with Rows
- Dealing With Columns
- Auto cleanup your data
- Replace value
- Solve Dates Problems



Power Pivot Content

- IMPORT/LOAD DATA
- TABLE RELATIONSHIPS
- PIVOT TABLES & SLICERS
- INTRO TO DAX FORMULAS
- MEASURES & CALCULATED COLUMNS

Dashboard And Data Visualization Content

- Dashboard Elements
- The 5-Second Rule
- Dealing With Colors
- Choose the fit chart for your data
- Common Visualization Mistakes
- Storytelling with Data



Excel analysis Tools

- Scenario Manager (What If Analysis)
- Goal Seek (What If Analysis)
- Data Table (What If Analysis)
- Forecast Sheet
- Q&A Tool For Quick Analysis(analyze Data Tool)
- Statistics Functions



Statistics Functions

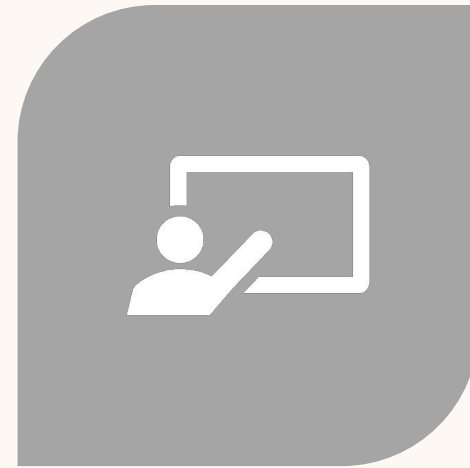
- Countif
- Countifs
- Max - min
- Maxifs - minifs
- Average – averageifs
- Sumif
- Sumifs
- Statistics tool



Course Information



DURATION : 20 TRAINING HOURS
2 SESSIONS PER WEEK



PRACTICAL ASSIGNMENT IN
SESSIONS