



# ICMA

Pakistan

KSA Branch Council 2019-21

# Webinar on **POWER QUERY DATA PREP DONE SMART, FAST, EASY**



Power Query is the easiest way to connect, extract, transform and load data from a wide range of sources.

The KSA Branch Council of ICMA Pakistan in collaboration with National CPD Committee is organizing a Webinar on POWER QUERY. Details of the webinar are as under:

## What is Power Query?

Power Query is a data transformation and data preparation engine. Power Query comes with a graphical interface for getting data from sources and a Power Query Editor for applying transformations. Because the engine is available in many products and services, the destination where the data will be stored depends on where Power Query was used. Using Power Query, you can perform the extract, transform, and load (ETL) processing of data.

## Power Query M Formula Language

In any data transformation scenario, there are some transformations that can't be done in the best way by using the graphical editor. Some of these transformations might require special configurations and settings that the graphical interface doesn't currently support. The Power Query engine uses a scripting language behind the scenes for all Power Query transformations: the Power Query M formula language, also known as M.

The M language is the data transformation language of Power Query. Anything that happens in the query is ultimately written in M. If you want to do advanced transformations using the Power Query engine, you can use the Advanced Editor to access the script of the query and modify it as you want.

## Quick Start: Using Power Query in Power BI Desktop

- Using Power Query Editor
- The Query Ribbon
- The Queries pane
- The data view in the center pane
- The Query Settings pane
- The advanced editor
- Saving your work
- Next step

## Program Details:

### Day, Date & Timing:

Sunday, January 10, 2021 19:00 Hours KSAT, 21:00 PKT (+5 GMT)



### Joining Link:

<https://us02web.zoom.us/j/86190661483>



### For Live Streaming:

[www.facebook.com/icmapak](https://www.facebook.com/icmapak)



## Power Query Connections

- Connect with a single Excel File
- Connect with a single text/csv File
- Connect with a single Access File
- Connect with a PDF file
- Importing Data from Web
- Connect with Excel Tables (creating different tables)
- Combine all worksheets from an Excel file
- Combine all worksheets from multiple Excel files (creating a single tables)
- Connect with multiple text/csv files (creating different tables)
- Connect with a folder (combine all workbooks, sheet names are same)
- Connect with a folder (combine all workbooks, sheet names are different)
- Connect with a folder (combine all workbooks, sheet names are different and on diff placement)
- Connect with Bad data from Excel file (creating a single table)
- Connect with Bad data from Excel file (creating different tables)

## Distinguished Trainer



### Mr. Asif Hafeez

FCMA, FMVA®, MCSA (BI Reporting), MCT

Asif Hafeez is Microsoft Certified Trainer, a dynamic Finance and Accounting professional holds 20 years of industry experience in Oil & Gas, Petrochemicals, Manufacturing sectors. He has an organized approach with good communication skills, which enables candidates to learn effectively. He had worked in different areas like Financial Modeling, Budgeting, Planning and Forecasting, Advanced

Financial Modeling using Power BI, Tableau Analytics, Dashboards using Power Query, DAX, PowerPivot, Advanced Excel, and Data Modeling etc.

He has Conducted many Trainings, workshops, in-house Trainings, in UAE, Qatar, Saudi Arabia, Bahrain & Pakistan.

Professionally he is:

- Microsoft Certified Trainer | (MCT)
- Member of the International Association of Microsoft Certified Trainer | (IAMCT)
- Financial Modeling and Valuation Analyst ® | (CFI ®)
- A+ Certified Financial Modeling Fundamental | (Modano®)
- Microsoft Certified Power BI | (70-778 & 70-779)
- Microsoft Certified System Associate for BI Reporting | (MCSA)

With warm regards:

**Ather Saleem Ch. , FCMA**  
Chairman  
National CPD Committee

**Muhammad Imran, FCMA**  
Vice Chairman  
KSA Branch Council

**Muhammad Asif Naz, FCMA**  
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