



The Institute of Chartered
Accountants of India
(Setup by an Act of Parliament)

18 CPE HRS

DIGITAL ACCOUNTING & ASSURANCE BOARD OF ICAI

6 days Executive Development Programme on Data Analysis and Visualisation with Microsoft Excel Power Tools and Power BI

on 18-23 Jan 2021 from 05-08 PM through Digital Learning Hub of ICAI
Fees: Rs. 3000/- (+18% GST) per participant

Prerequisites for Microsoft Excel Power Tools and Microsoft Power BI Session:

Working knowledge of Microsoft Excel and
Laptop with 64-Bit version of the following application: -

- 1) Windows 10 operating system
- 2) Office 2016 or Microsoft 365 or Office 2019
- 3) Microsoft Power BI Desktop
- 4) Microsoft Silver lite

Important Links:

Microsoft 365- <https://www.microsoft.com/en-in/microsoft-365/try>

Microsoft Power BI Desktop - <https://www.microsoft.com/en-us/p/power-bi-desktop/9ntxr16hnw1t#activetab=pivot:overviewtab>

Silver Light - <https://www.microsoft.com/silverlight/default>

Register through- <https://learning.icai.org/>

OR Direct Link: <https://learning.icai.org/committee/digital-insights/data-analytics-using-power-bi-tools-b5/>

Note: Power BI Desktop requires Windows 10



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TOPICS COVERED
Introduction to Power Tools in Excel
Introduction to Power Query (Excel)
Getting Data from various data sources
Data Transformation
Data types in Power Query
Data Transformation (Cont.)
Data Transformation (Cont.)
Combine Multiple Queries
Combine Multiple Queries (Cont.)
Load Queries
Power Query – Troubleshooting
Error Handling in Power Query
Power Query Best Practices
Power Query Q&A
Introduction to Power Pivot (Excel)
Loading Data from various data sources
Working with Tables in Power Pivot Window
Introduction to Data Modelling (Relationships)
DAX (Data Analysis Expressions) Language
DAX (Cont.)
Time Intelligence in DAX
DAX (Cont.)
Creating Dashboard Reports and KPI
Power Pivot Best Practices
Power Pivot/DAX Q&A
Introduction to Power BI Desktop
Why Power BI when we already have Excel?
Loading Data from various data sources
Overview of Power BI Window & Query Editor in Power BI
Data Modelling in Power BI



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Creating and sharing Report and Visualisation
Q&A Session
Course Wrap-up

Digital Accounting & Assurance Board

The Institute of Chartered Accountants of India

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