DATA ANALYTICS PROGRAM

CRASH COURSE FOCUSED ON POWER BI

Register Now!

August 18, 2024

Friday 04:00 PM to 07:00 PM (PST)
Saturday 02:00 PM to 05:00 PM (PST)

44 hours

Online
on Friday & Saturday for KSA

Microsoft Power BI (Power Query and DAX, Data Visualization & Story telling)

LEARNING OUTCOMES

- Building Dashboards and Data Transformation
- Analysis with DAX techniques
- Data Visualization, Storytelling and Analysis

An initiative of **Digital Assurance and Accounting Board of ICAP**

DATA ANALYTICS TRAINING PROGRAM

CRASH COURSE FOCUSED ON POWER BI

The Institute of Chartered Accountants of Pakistan (ICAP) is a prestigious regulatory body with a proud history of providing chartered accountancy qualifications and investing in the professional growth and development of its members. ICAP by the Digital Assurance & Accounting Board (DAAB), in response to challenges brought by emerging digital technology, introduced an extensive course focused on Data Analytics in 2021. ICAP is now announcing a batch of Crash Course focused on the Power BI program for KSA. The course is intended for professionals using data for finance, audit, and other business decisions. It is aimed to provide the participants with the skillset, to understand and create dashboards and transform data to have better insights for improved decision-making in a timely and efficient manner. It also emphasizes on Analysis with DAX Techniques combined with data visualization, storytelling, and Analysis.

The course encompasses 44 hours and is designed to facilitate in exploring Power BI tools for data from descriptive to predictive analytics. The course is followed by two hourly practice sessions. By the end of the program, you will be able to learn below skills;

1. Building Dashboards and Data Transformation.
2. Analysis with DAX techniques
3. Data Visualization, Storytelling and Analysis

WHO SHOULD ATTEND?

This course is designed for ICAP affiliates, Chartered Accountants, Executive Management, and other Finance Professionals seeking to enhance their competencies in Power BI.

WHY ATTEND?

Attending a crash course focused on Power BI provides the opportunity to acquire in-demand skills, boost career prospects, and stay ahead in a rapidly evolving field while gaining hands-on experience and expanding professional networks.

MICROSOFT POWER BI - INTRODUCTION

Microsoft Power BI is a powerful business intelligence and data visualization tool that allows users to connect, analyze, and visualize data from multiple sources in a user-friendly interface. With Power BI, users can create interactive reports, dashboards, and data visualizations to gain valuable insights and make data-driven decisions. Its drag-and-drop functionality and extensive range of data connectors make it accessible for users without coding or technical expertise, making it an ideal tool for businesses of all sizes to unlock the value of their data.

POWER QUERY & DATA MODELING

Power Query is a data transformation tool that cleans and merges data from various sources. Data modeling structures and organizes data within Power BI, enabling relationships and calculations for accurate reporting and analysis.

Topics covered: Types of Joins, Append & Merge Data, Split Columns, Unpivot, create a Calendar, GroupBy, Removing Errors and Duplicates, Data Format Types, Sorting, Custom, and Calculated Columns, Normalization and Denormalization, Star Schema, Snow-Flake Schema, Fact & Dimension Tables, Business entities.

DAX

DAX (Data Analysis Expressions) is a formula language used in Power BI, Excel, and SQL Server Analysis Services for data modeling and calculations. It enables user to create custom calculations, define relationships, and perform advanced calculations on data tables using functions and operators. With DAX, users can unlock the full potential of their data and create powerful analytical solutions.

DATA VISUALIZATIONS & DATA STORYTELLING

Data visualizations bring data to life by presenting it in a visual and digestible format, while data storytelling adds narrative and context to make the data more relatable and impactful, empowering effective communication and decision-making based on data insights.

Topics covered: 15 Dashboard Design Rules, CRAP Rule, MVC Rule, Visualizations best practices, Storytelling tips, how to select the right chart, Dashboard design checklist, Interactive Features of POWER BI Desktop version includes Tooltip, Hyperlink & Bookmarks, Drill through, Visual, Page and Report level filters, Colors formatting, Conditional formatting, exploring app source for more visuals from the marketplace.

TRAINER PROFILE

Mr. Faizan Irshad, FCA
Data Scientist

Faizan Irshad is a highly accomplished professional with over 17 years of experience in financial reporting, audit, fraud investigations, and risk management. He is a Fellow Chartered Accountant (FCA) with experience of working in banking and other sectors.

Faizan also holds an MS degree in Data Sciences from University of Management & Technology. With this qualification, Faizan has blended his domain knowledge and experience with Artificial Intelligence technologies i.e. Machine Learning, Deep Learning and Big Data to provide innovative solutions to complex business problems using programming languages like Python and R. Faizan also holds "UiPath" specialization in Robotic Process Automation and certification in Microsoft Power Platform including Power BI. Faizan has also experience of conducting workshops and trainings at different forums for professionals in the areas of AI & automation.

The Institute of
Chartered Accountants
of Pakistan

CA
PAKISTAN

REGISTER NOW

FEE STRUCTURE

Member/Student/Affiliate	Rs. 35,000 + Tax
Non-Member	Rs. 45,000 + Tax

For Further Inquiry or Details
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