



No. DCE-007(240)/129

Date: 08-10-2024

Announcement of Short Courses on Power BI for Business Professionals Organized by Directorate of Continuing Education (DCE), BUET.

Dear Sir/Madam

The Directorate of Continuing Education (DCE), BUET, is pleased to offer short courses on **Power BI** for business professionals, designed to enhance skills in data analytics and business intelligence. Participants will learn to analyze data, create dynamic reports, and build interactive dashboards using Power BI. These courses are ideal for managers, analysts, and professionals across various sectors. The training will be conducted in-person. Enroll now to boost your data-driven decision-making skills!

These courses are specially designed for professionals who are playing a critical role in running an organization smoothly. Highly qualified, professionally trained, reputed, and experienced resource persons in the related areas, having ample theoretical and practical knowledge with current information have been invited to conduct these short courses.

SL	Topics	Date	Fee (BDT)	Last Date of Registration
1	Power BI for Business Professionals: From Data to Dashboard	22-23 November 2024	10,000/-	17 November 2024

The registration fee for these short courses is to be paid in advance, through Pay-Order or Demand draft, in favor of “**Director, BRTC, BUET**”. Course registration fee may also be electronically deposited at Savings Account Number - **4404034173888** (Routing Number – **200270522**) Account Name: **Director, Directorate of Continuing Education (DCE), Sonali Bank Ltd., BUET Branch, and Dhaka**. Course Fee includes all costs of printed course materials, exams & certificates, etc., and excludes VAT & TAX.

Seats are limited and the application /nomination would be selected on a First Come First Serve basis. For further information, please contact at **01918285231,01611510056**, E-mail: info@dce.buet.ac.bd, dirdce@dce.buet.ac.bd.

We would appreciate it if you could kindly participate and/or nominate the concerned official (s) from your esteemed organization in these short courses.

Thank you

Prof. Dr. Mohammad Nasim Hasan

Director, Directorate of Continuing Education, BUET, Dhaka-1000

For Registration Please
Scan Below



CONTACT

Director

Directorate of Continuing Education (DCE)

BUET, Dhaka-1000

Tel: 02 58610738,PABX: 02 55167228-57 ext. 7848, 7452

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*** BUET weekly holidays are Thursday & Friday**

NOVEMBER 2024						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

About DCE: DCE established in **1995 at BUET**, a platform for decentralized and adaptive learning to bridge the gap between Professionals and Academicians, promotes pedagogical development with a combined experience of Academicians and Professionals and offers distance training opportunities. So far, **239** short courses/training workshops have been offered to serve more than **10,900** professionals.

SHORT COURSE OUTCOMES

At the end of this course, participants are expected to learn and subsequently apply knowledge on:

- Best practices in report design, utilizing advanced visualizations and layout techniques to create interactive reports
- Design and management of complex data models, as well as establishment of relationships between multiple data sources
- Data processing and transformation using Power Query
- Writing DAX formulas for advanced calculations, including time intelligence and context-based filtering
- Publishing Power BI reports to the Power BI Service, sharing them with stakeholders, and managing report permissions effectively

RESOURCE PERSON

Experts from both academic and professional domain will conduct the proposed short training. For details please visit: dce.buet.ac.bd

DURATION

22-23 November 2024: 2 days (12 Hrs)
(Friday-Saturday)

LANGUAGE

English and Bangla

CERTIFICATE

A certificate of attendance will be provided.

Short Course On Power BI for Business Professionals From Data to Dashboard



22-23 November 2024
BUET, Dhaka

For registration in this course ([Click Here](#)),

or

Please Scan Below



Organized by

Directorate of Continuing Education (DCE)
**Bangladesh University of Engineering and
Technology (BUET)**

Dhaka-1000

In today's data-centric business landscape, the ability to analyze and visualize information is imperative for professionals across all sectors. This Power BI training program is meticulously designed to equip participants with the skills necessary to transform complex datasets into clear, actionable insights. By learning Power BI, attendees will be able to create sophisticated reports and interactive dashboards that facilitate informed decision-making, enhancing their value within the organization.

This training not only improves technical proficiency but also empowers participants to communicate data-driven insights effectively. Whether you are a manager, analyst, or team leader, the skills acquired in this course will enable you to drive strategic initiatives and optimize business performance. Invest in your professional development and become a leader in data analytics—join us for this comprehensive Power BI training and unlock your potential for success.

WHO SHOULD ATTEND?

This short course is designed for anyone who has interest in data analysis particularly in business use cases. The following participants will get the most benefit from attending this short course:

- Marketing Professionals
- Sales Professionals
- Supply Chain Professionals
- Finance Professionals
- Business Analysts
- Project Managers
- Information Technology Executives
- Fresh Graduates from any Discipline
- Undergraduate Students aiming Corporate Jobs

PROGRAM OVERVIEW

Contents of the workshop are:

- Introduction to the Power BI Interface
- Development of Interactive Data Visuals
- Data Processing and Transformation
- Capabilities of Data Analysis Expression (DAX)
- Creation of Custom Functions for Business Use-case
- Handling Data Models with Multiple Tables
- Time Intelligence Functions for Comparing Trends
- Context-based Filtering Applications
- Report Navigation using Drill-through & Bookmark
- Development of a Dashboard
- Publishing a Report in Power BI Service

VENUE

Directorate of Continuing Education (DCE), 3rd Floor, Institute Building, BUET, Polashi, Dhaka-1000. (near Dr. M A Rashid Student Hall, BUET and BUET Gymnasium)

REGISTRATION FEE

BDT 10,000/- per Person (Tk. Ten Thousand Only)

The fee will cover printed lecture instructions, workshop kits, comprehensive materials, refreshments, certificates etc.

PAYMENT

Registration Fee is to be paid in advance payable through

1. Pay Order/Demand Draft (DD) in favor of

Director, BRTC, BUET OR

2. Electronically deposited at -

Savings Account No. - **4404034173888**

Routing Number - **200270522**

Account Name: - **Director, Directorate of Continuing Education(DCE)**

Sonali Bank Ltd., BUET Branch, Dhaka.

Seats are limited and the selection procedure will be First Come First Serve basis.

REGISTRATION FORM

Short Course

On

Power BI for

Business Professionals

From Data to Dashboard

DCE, BUET

Please complete the registration form in BLOCK LETTERS and return it to the address overleaf.

Name:

Affiliation:

Company Name:

Address:

.....

.....

Cell Phone:

Email:

Payment:

Pay Order

Demand Draft (DD)

Please attach the original copy of payment.

Details of Pay Oder/Demand Draft:

Signature:

Date:



Short Course on **Power BI for Business Professionals**

From Data to Dashboard
Organized by: DCE, BUET
22-23 November, 2024

Course Coordinator

Rashik Ahnaf
Lecturer,
Department of Industrial and Production Engineering,
Bangladesh University of Engineering and Technology,
Dhaka-1000, Bangladesh.
Email: ahnafsanim@gmail.com
Contact: +8801723836132



Program Content

This Power BI training covers essential topics for data analysis and visualization. The course begins with an introduction to Power BI and fundamental visualization techniques, laying a solid foundation for impactful reports. Participants will process and transform data using Power Query, clean data effectively, and create calculated columns and measures with DAX to enhance their analytical capabilities. Emphasis will be placed on data modeling and connecting multiple data sources, equipping participants to handle complex datasets. DAX formulas for time intelligence and context-based filtering will also be explored, allowing for meaningful insights. Advanced report navigation techniques will ensure the creation of intuitive dashboards. The course concludes with guidance on publishing and managing reports in the Power BI Service, enabling participants to share insights effectively with stakeholders.

Learning Outcomes

At the end of the course, participants are expected to learn and subsequently apply knowledge on:

- Best practices in report design, utilizing advanced visualizations and layout techniques to create interactive reports
- Design and management of complex data models, as well as establishment of relationships between multiple data sources
- Data processing and transformation using Power Query
- Writing DAX formulas for advanced calculations, including time intelligence and context-based filtering
- Publishing Power BI reports to the Power BI Service, sharing them with stakeholders, and managing report permissions effectively

Who Should Attend?

This course is specially designed for professionals who are working in marketing, sales, supply chain, and finance wishing to embark on a career in the corporate world. The final year undergraduate and master students at different universities are also encouraged to join this training.



Short Course on
Power BI for Business Professionals

From Data to Dashboard
 Organized by: DCE, BUET
 22-23 November, 2024

Training Schedule

22.11.2024 (Friday)	9:30 AM - 10:00 AM	Registration	
	10:00 AM - 10:30 AM	Inaugural ceremony	
	10:30 AM - 1:00 PM	Session 1: Introduction to Power BI and Basic Visualization	Rashik Ahnaf, Lecturer, Dept. of IPE, BUET & Md. Mominul Islam Manager, Planning and Business Development, M&J Group
	1:00 PM - 2:30 PM	Prayer and Lunch	
	2:30 PM - 4:00 PM	Session 2: Data processing and Transformation in Power Query	Md. Mominul Islam Manager, Planning and Business Development, M&J Group
	4:00 PM - 4:30 PM	Break and Prayer	
	4:30 PM - 6:30 PM	Session 3: Calculated Columns and Measures Using DAX	Md. Mominul Islam Manager, Planning and Business Development, M&J Group
23.11.2024 (Saturday)	9:30 AM - 11:00 AM	Session 4: Data Modeling and Connecting Multiple Data Sources	Rashik Ahnaf, Lecturer, Dept. of IPE, BUET
	11:00 AM - 11:30 AM	Break	
	11:30 AM - 1:00 PM	Session 5: DAX formula for Time Intelligence and Context-based Filtering	Rashik Ahnaf, Lecturer, Dept. of IPE, BUET
	1:00 PM - 2:00 PM	Prayer and Lunch	
	2:00 PM - 3:30 PM	Session 6: Advanced Report Navigation	Md. Mominul Islam Manager, Planning and Business Development, M&J Group
	3:30 PM - 3:45 PM	Break	
	3:45 PM - 5:15 PM	Session 7: Publishing and managing Report in Power BI Service	Rashik Ahnaf, Lecturer, Dept. of IPE, BUET
	5:15 PM - 5:45 PM	Break and Prayer	
	5:45 PM - 6:15 PM	Certificate Distribution and Closing	

Trainer's Biography



Mr. Rashik Ahnaf is currently a lecturer at the Department of Industrial and Production Engineering at Bangladesh University of Engineering and Technology (BUET). Prior to this, he worked for Unilever Bangladesh Ltd. in the supply chain function, the top manufacturer of FMCG products in the country. Rashik is an expert in supply chain planning, data analytics and enterprise resource planning (ERP). He is also a corporate Power BI trainer. Numerous workshops on data visualization, especially in Power BI, have been led by him. His research interest lies in sustainable supply chain management, uncertainty analysis and artificial intelligence. Rashik has attained his B.Sc. degree in Industrial and Production Engineering at BUET.



Mr. Md Mominul Islam is currently a Manager, Planning and Business Development at M&J Group. Prior to this, he worked for DBL Group & Walton in different roles like Production Planning, Inventory Planning, Sourcing. Mr. Islam is an expert in production and inventory planning, data analytics. Mr. Islam has attained his B.Sc. degree in Industrial and Production Engineering at BUET, M.S.S. degree in Economics at East-West University & MBA at Quantic School of Business and Technology, USA.