



Power BI for Business Analytics

27-28 April 2026 (Mon-Tues), 9.00 am – 5.00 pm
Eastin Hotel Penang

Overview:

Microsoft Power BI transforms your company data into rich visuals that facilitate new ways of thinking about and organizing your data, so that you can focus on what is important to achieving your goals.

Pre-requisites:

Before starting or enrolling for this program, there are some vital pre-requisites to consider:

- (a) Must bring along laptop (with Power BI and MS Excel installed);
- (b) Fundamental Excel skills (comfortable using Excel, particularly Pivot Tables and Formulas, is often required for data preparation);
- (c) Data understanding (basic understanding of data structures, such as rows, columns and tables);
- (d) Analytical mindset (a desire to learn data visualization and business intelligence techniques).

Who Should Attend:

This program is intended for Business Managers, Report Developers, Analysts, Project Managers and Team Leads.

Learning Outcomes:

Upon completing this program, participants will have a basic understanding of the topics below, as well as an ability to utilize and implement the concepts learned:

- (1) Power BI;
- (2) Power BI Desktop;
- (3) Working with CSV, TXT, and Excel Worksheets;
- (4) Connecting to Databases;
- (5) Merging, Grouping, Summarizing, and Calculating Data;
- (6) Reporting;
- (7) Power BI Online.

Methodology:

This program will be delivered using multiple methodologies as the program is designed to be theoretical and practical hands-on sessions.

- ✓ Facilitation
- ✓ Theoretical (Lecture style)
- ✓ Live demonstrations
- ✓ Hands-on practical work (technical)
- ✓ Group discussion and presentation

HRD Corp Claimable Course*

Program Outline

Day 1

8.30 am

Registration
Welcome to the program

**Closing date for registration:
17 April 2026**

flexiEdge Training PLT
Suite 034, Ground Floor,
Kompleks Eureka, USM,
Jalan Sungai Dua,
11800 Gelugor, Penang.
Tel/ Fax: 604-656 7488


| | |
|----------|--|
| 9.00 am | Module 1: Power BI <ul style="list-style-type: none"> ▪ What is Power BI? ▪ Examining Power BI Suite of Products ▪ Identifying Differences Between Products ▪ Understanding Power BI Updates |
| 9.45 am | Module 2: Power BI Desktop <ul style="list-style-type: none"> ▪ Installing Power BI Desktop ▪ Exploring the Power BI Desktop Interface ▪ Utilizing File Types; PBIX vs PBIT ▪ Examining Data Sources ▪ Discussing Data Refresh ▪ Understanding Data Types |
| 10.45 am | Morning coffee break |
| 11.00 am | Module 3: Working With CSV, TXT and Excel Worksheets <ul style="list-style-type: none"> ▪ Importing, Transforming, and Loading Data ▪ Appending Operations ▪ Working with Folders and Files ▪ Using Pivot Tables |
| 12.30 pm | Lunch |
| 1.30 pm | Module 4: Connecting to Databases <ul style="list-style-type: none"> ▪ Working with Relational Data ▪ Understanding Relationships ▪ Importing from SQL Server Analysis Services Multi-dimensional and Tabular |
| 3.00 pm | Afternoon coffee break |
| 3.15 pm | Module 5: Merging, Grouping, Summarizing, And Calculating Data <ul style="list-style-type: none"> ▪ Understanding the Issues with Merges ▪ Performing Merges |
| 5.00pm | Program ends for Day 1 |

| Day 2 | |
|----------|---|
| 8.30 am | Registration |
| 9.00 am | Module 5: Merging, Grouping, Summarizing, And Calculating Data (continues...) <ul style="list-style-type: none"> ▪ Grouping Options ▪ Summarizing ▪ Calculating |
| 10.30 am | Morning coffee break |

Please note that this is a **Public program. According to HRD Corp Guidelines, for **Public** program, up until **maximum of nine (9) registered participants** per employer are allowable for training grant claim under HRD Corp Claimable Courses.*

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|----------|---|
| 10.45 am | Module 6: Reporting <ul style="list-style-type: none"> ▪ Creating Reports ▪ Utilizing the Matrix Visualization ▪ Utilizing the Map Visualization ▪ Utilizing the Card Visualization ▪ Utilizing the Chart Visualization ▪ Utilizing Slicers ▪ Publishing to Power BI Online  |
| 12.30 pm | Lunch |
| 1.30 pm | Module 7: Power BI Online <ul style="list-style-type: none"> ▪ Introduction to Power BI Online ▪ Importing Data ▪ Creating Reports |
| 3.00 pm | Afternoon coffee break |
| 3.15 pm | Module 7: Power BI Online (continues...) <ul style="list-style-type: none"> ▪ Configuring Dashboards ▪ Sharing Reports and Dashboards ▪ Exploring Power BI Mobile |
| 4.30 pm | Final Wrap-Up & Sharing Session <ul style="list-style-type: none"> ▪ Feedback ▪ Program Evaluation |
| 5.00 pm | Program ends for Day 2 |

Course Leader

Mr. Nasruddin Sultan has been extensively knowledgeable as an IT Trainer. He possesses expert-level information technology knowledge and consistently keeps current with newly changing technology. He also has excellent interpersonal and presentation abilities and knows how to impart highly technical information in a manner that is easy to understand for trainee. He has Master's degrees in Information Technology with strong writing skills and over 23 years of experience working as an IT full-time Trainer.

Highlights

- ✓ Excellent presentation skills with great public speaking ability.
- ✓ Strong time management skills and is highly organized.
- ✓ Good verbal and written communication skills in English.
- ✓ Has excellent interpersonal skills.
- ✓ Expert technical abilities and strong IT skills.
- ✓ Sound knowledge of Information Technology.
- ✓ Good ability to teach technical information in layman's terms.
- ✓ Good training program development and design.
- ✓ Flexibility allows extensive travel to various corporate office locations around the Globe

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Academic and Professional Certification

- ✓ Master of Science In eBusiness (The University of Bolton, UK) majoring in Information & Communication Technology, minoring in e-Commerce & m-Commerce Technology
- ✓ Microsoft Certified Solution Associate
- ✓ HRDF Certified Trainer
- ✓ Oracle Certified Administrator
- ✓ Microsoft Certified Trainer
- ✓ RedHat Certified System Administrator
- ✓ RedHat Certified Engineer
- ✓ RedHat Certified Instructor

Programs conducted by Nasruddin Sultan:

| | |
|---|---|
| <p>Operating System Microsoft Windows Server (201x & 201x) Microsoft Windows 8 & 10 MS-Active Directory Sun Solaris 9 & 10, IBM AIX 5.1L & HP-UX RedHat System Administration 8.x RedHat Advanced Administration 8.x RedHat Network Administration 8.x Windows Azure</p> <p>Mobile Development Android Mobile App Development</p> <p>Applications MS-Access / MS-PowerPoint MS-Word Photoshop Crystal Report Microsoft Project Microsoft Visio Excel Macro Excel VBA</p> <p>Messaging Systems Microsoft Exchange (201x) SendMail / Postfix</p> <p>Cloud System Windows Azure Google Cloud Office 365 Cloud Essentials Amazon Web Services</p> | <p>Data Analysis Excel Dashboard Power BI Power Pivot & Power Query Pivot Table Management Tableau for Data Visualization Python for Data Analytics</p> <p>Database Systems Microsoft SQL Server 201x Oracle 11G & 12C MySQL T-SQL Querying SQL Database</p> <p>Programming/Development Visual Basic.Net ASP.Net C#. Net Java Perl, Python, Unix/Linux Shell Scripting PL/SQL (Oracle)</p> <p>Security Network & Cloud Security Security+ Cyber-Security (CYSA) Cyber Safe</p> <p>Virtualization Products VMWare ESXi 6.x RedHat Openstack</p> <p>Hardware PC troubleshooting CCNA (Routing & Switching) CompTIA+</p> |
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Investment / Participation Fees

RM 1,728.00 (inclusive 8% SST) per participant

REGISTRATION FORM



Power BI for Business Analytics
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Eastin Hotel Penang



| No. | Name of Participant(s) | NRIC No. | *Self-Sponsored? (please tick ✓) | Vegetarian? (please tick ✓) |
|-----|------------------------|----------|-------------------------------------|--------------------------------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |

Registration Submitted By:

Company Name:

Company Address:

Contact Person:

Designation:

Tel:

Fax:

Email:

Registration Process & Payment Method:

- Please note that this program is registered under **HRD Corp Claimable Course (SBL-Khas)**. **Participation fees will be deducted from employer's HRD Corp account and paid directly to flexiEdge Training PLT.**
- Employer/ Company to fill up and complete the registration form and email to Ms. Felicia Tham/ Mr. Quah Eng Siang of flexiEdge Training PLT at administrator@flexiedge.com.my
- flexiEdge Training PLT will email the confirmation notification to Employer/Company.
- Employer/Company needs to submit training grant application to HRD Corp before program date commencement. Once approved by HRD Corp, Employer/Company to email the approved training grant application number to flexiEdge Training PLT, to be included into the JD/14 form (Joint Declaration Form).
- Employer/ Company and flexiEdge Training PLT to sign and stamp the JD/14 form and return to flexiEdge Training PLT for claim submission purpose.

For Self-Sponsored Participants*:

Enclosed herewith Cheque/ Bank Draft (No. _____) amounting to RM _____ for () participant(s), crossed and made payable to "flexiEdge Training PLT" OR Bank in / IBG transfer to our CIMB Bank A/C No.: 800 794 3431 and email us the bank in/ transaction slip/ payment advice.

***For self-sponsored participant(s), registration will only be confirmed if full payment is received before commencement of program.**

Kindly send your completed registration form through email to Ms. Felicia Tham/ Mr. Quah Eng Siang at administrator@flexiedge.com.my

For further enquiry, please contact Ms. Felicia Tham/ Mr. Quah Eng Siang of flexiEdge Training PLT at
Tel: 04-656 7488/ 012-479 8377/ 013-588 3355

Terms and Conditions

1. Registration/ Participation fees are inclusive of hard copy program materials, refreshments, lunch and certificate of attendance.
2. Program confirmation will be given through email before the program date.
3. (a) Cancellation / notice of withdrawal must be given in writing (email) to us before program confirmation, no fee shall be charged.
(b) No cancellation is allowed once our program confirmation is emailed to you. However, **if registered participant is unable to attend, only replacement from the same company is allowed. Participant(s) who registered but does not turn up on training day(s) shall be fully billed. No refund if participant/ replacement does not turn up on the training day(s).**
4. flexiEdge Training PLT has the right to change the dates, time, venue, course leader or cancel the scheduled training due to unforeseen circumstances beyond its control.

Visit us at www.flexiedge.com.my