

MASTERING POWER BI: THE ANALYTICS ADVANTAGE

Build, Analyse, and Visualise Data with Confidence

KEY LEARNING OUTCOMES

- ▶ Master the fundamentals of self-service Business Intelligence using Power BI's intuitive interface and powerful features
- ▶ Establish and manage resilient data connections from multiple sources whilst ensuring data integrity and security
- ▶ Apply advanced data cleaning techniques to transform raw data into reliable, analysis-ready datasets
- ▶ Design professional-grade data models using relationships, hierarchies, and calculated columns
- ▶ Create dynamic calculations and measures using Data Analysis Expressions (DAX)
- ▶ Develop interactive and visually stunning dashboards that effectively communicate insights
- ▶ Implement advanced visualisation techniques including custom tooltips and drill-through functionality
- ▶ Master data filtering and slicing techniques for detailed analysis
- ▶ Design effective data hierarchies for multi-level analysis
- ▶ Apply best practices in dashboard design and layout for optimal user experience
- ▶ Create and share compelling Power BI reports across your organisation
- ▶ Implement real-time data refresh strategies for always-current insights

WHO SHOULD ATTEND?

This programme is ideal for professionals who:

- ▶ Handle data analysis using Microsoft Excel, SQL Server, and reporting tools
- ▶ Manage and integrate multiple data sources, including cloud platforms
- ▶ Transform raw data into meaningful insights
- ▶ Develop and share data visualisations with stakeholders
- ▶ Create and maintain executive and team reporting
- ▶ Aim to enhance their organisation's analytical capabilities

MAXIMISE LEARNING IMPACT

Exclusive 2 + 1 Team Learning Offer !

Enhance collaborative learning and accelerate Power BI implementation across your organisation with our exclusive group offer. Register 3 team members for the price of 2 only and maximise team learning.



29 & 30 April 2025
Empire Hotel Subang Jaya, Selangor, Malaysia.

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COULD YOUR ORGANISATION'S DATA BE WORKING HARDER FOR YOU?

In the course of business, organisations collect vast amounts of information, yet many struggle to transform this data into actionable intelligence. The challenge isn't just about having data - it's about making it work for you !


According to Gartner, organisations that promote data literacy and visual analytics are 3 times more likely to make better decisions than their competitors. Furthermore, Microsoft Power BI users report an average reduction of 2.5 hours in report preparation time, translating to significant cost savings and improved efficiency.

With over 250,000 organisations worldwide now using Power BI, the ability to master this powerful tool has become a crucial skill for business success. Whether you're dealing with financial metrics, operational data, or customer insights, Power BI provides the capabilities to transform complex datasets into clear, actionable visualisations that drive better business decisions.

This intensive two-day programme will equip you with the skills to harness Power BI's full potential, enabling you to create compelling visualisations, uncover hidden patterns, and drive data-informed decision-making across your organisation. You'll learn how to build interactive dashboards that tell your data story effectively, automate routine reporting tasks, and create real-time insights that keep your organisation ahead of the curve.

Don't let valuable insights remain hidden in your data. Join us to master Power BI and transform your approach to data analysis in this intensive and practical training experience.

YOUR COURSE DIRECTOR NORHAYATI ISA



Norhayati Isa is a highly experienced Microsoft Certified Trainer and Power BI Specialist whose 25-year journey in IT training and consultancy exemplifies excellence in technical education.

As a Microsoft Office 2019 Expert and certified Power BI Data Analyst Associate, Norhayati brings profound expertise in modern data visualisation and analytics. Her technical prowess extends across the Microsoft technology stack, with particular emphasis on Power BI, Excel Power Query, Power Pivot, and Data Analysis Expressions (DAX). This comprehensive knowledge enables her to deliver sophisticated data modelling and analytical solutions that transform raw data into actionable business insights.

Throughout her career, Norhayati has successfully implemented numerous high-impact projects for prominent organisations. Notable among these are her recent Power BI implementations at Jabatan Perdana Menteri's Technology Division and comprehensive data analytics workshops for various government agencies. Her project portfolio also includes developing automated solutions for industry leaders such as AIA Shared Services, Petronas Trading Corporation, and KLCC Holdings, demonstrating her ability to address complex business challenges through technical innovation.

Her client portfolio spans various sectors, from financial institutions like Maybank and HSBC to government bodies such as Jabatan Perdana Menteri Malaysia and INTAN. This diverse experience has honed her ability to customise training programmes that address specific organisational needs whilst maintaining high educational standards.

Beyond standard training delivery, Norhayati has contributed significantly to various technical projects, including database development, automation solutions, and system implementations. Her work includes creating specialised databases for Scottish Trade International and Standard Chartered Bank, as well as developing automated reporting systems for multiple corporations. These practical experiences enhance her ability to provide real-world context in her training sessions, making complex concepts accessible and relevant to the participants.

TRAINING AGENDA

Foundations of Business Intelligence

- ▶ Understanding modern BI architecture and its business impact
- ▶ Exploring Power BI Desktop environment and interface
- ▶ Discovering key features for data-informed decision-making

Data Source Management

- ▶ Establishing connections to diverse data sources
- ▶ Configuring and managing data refresh schedules
- ▶ Implementing gateway configuration for real-time insights
- ▶ Ensuring data integrity across sources

Advanced Data Transformation Techniques

- ▶ Mastering Query Editor for data cleaning and shaping
- ▶ Implementing advanced data profiling techniques
- ▶ Combining multiple data sources effectively
- ▶ Executing data transformation for analytical readiness

Data Modelling Fundamentals

- ▶ Building efficient data models for optimal performance
- ▶ Establishing table relationships and cardinality
- ▶ Creating and managing data hierarchies
- ▶ Optimising model performance and scalability

Data Analysis Expressions (DAX) Foundations

- ▶ Understanding DAX syntax and core concepts
- ▶ Creating calculated columns and measures
- ▶ Implementing conditional logic and filtering
- ▶ Developing advanced analytical expressions

Visual Analytics Excellence

- ▶ Designing impactful visualisations for data storytelling
- ▶ Implementing advanced charting techniques
- ▶ Customising formatting and branding elements
- ▶ Creating clear and compelling visual narratives

Interactive Report Development

- ▶ Building dynamic and responsive reports
- ▶ Implementing cross-filtering and drill-through features
- ▶ Creating custom tooltips for enhanced user experience
- ▶ Developing interactive analytical capabilities

Dashboard Design Principles

- ▶ Designing effective dashboards for various audiences
- ▶ Optimising layout for intuitive navigation
- ▶ Implementing best practices in dashboard design
- ▶ Creating impactful visual presentations

Deployment and Security

- ▶ Publishing reports to Power BI Service
- ▶ Managing workspace access and permissions
- ▶ Implementing security settings
- ▶ Enabling appropriate sharing across organisation

Course Conclusion

- ▶ Reviewing key learnings and best practices
- ▶ Exploring additional resources for continuous learning
- ▶ Q&A session
- ▶ Certificate presentation and course wrap-up

29 & 30 APRIL 2025

Empire Hotel Subang, Malaysia.

PARTICIPANT DETAILS

Please photocopy this form for more delegates

PARTICIPANT 1 :

Name :

Position :

Mobile :

Email :

PARTICIPANT 2 :

Name :

Position :

Mobile :

Email :

AUTHORISING MANAGER :

Name :

Position :

Tel :

Email :

Organisation :

Address :

Date :

Signature :

COURSE FEE

- US\$400.00 nett / person – International
- RM1800.00 nett / person – Malaysia

Please Note:

1. Course Fees include attendance, course notes, lunches, refreshments, certificate and applicable taxes.
2. Full payment must be received before the start of the course.
3. For groups of 5 or more participants, please contact us.

PAYMENT METHOD

Payment can be made by cheque or bank transfer.
Please make payment to:

iPraxis Sdn. Bhd.

Bank : Maybank Berhad
Bank Branch : Damansara Utama
Account No : 5141-9634-9635
Swift Code : MBBEMYKL
Bank Address : 66, Jalan SS 21/35, Damansara Utama,
47400 Petaling Jaya, Selangor, Malaysia.

GENERAL TERMS & CONDITIONS

1. **Substitutions** - are welcome. Kindly notify us at least 2 working days prior to the programme.
2. **Cancellations** - will be refunded in full minus a RM250.00 administrative charge provided the cancellation is done in writing at least 7 working days prior to the programme. Cancellations done less than 7 working days prior to the programme will not be eligible for any refunds and will carry a 100% liability.
3. **Advertised package** - While every reasonable effort will be made to adhere to the advertised package, please note that the content, speaker and venue were confirmed at the time of publishing. Circumstances beyond our control may necessitate an alteration to the same. As such we reserve the right to alter or modify the advertised package if required.
4. **Postponement & Cancellation** - If the programme has to be cancelled or postponed by us for any reason, we will issue refunds in full for all payments received without any deductions whatsoever.
5. **Liability** - We will not be liable for any loss or damage suffered by the client as a result of a substitution, alteration, cancellation or postponement of the programme.
6. **Database** - Upon receipt of this registration form, we assume that you are giving us your consent to store your details and use it for future marketing efforts. If you do not wish to be included in our database, kindly notify us.
7. **Copyright and Intellectual Property** - The content, format and delivery of the programme constitute our intellectual property and copyright. Unauthorised redistribution or reproduction of part or all will be actionable by law.

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