

MIA WEBINAR SERIES

BUSINESS INTELLIGENCE PRACTICAL APPROACH FOR ACCOUNTANTS USING POWER BI

Data has become a new valuable resource, helping to create value and growth for businesses. Current technology is now able to collect and process huge volumes of data, known as Big Data, and create valuable insights for decision-making which helps businesses to maximise efficiency and profitability.

Business intelligence (BI) complements data science in that it uses software and services to transform big data into actionable insights that makes decision-making easier, faster and more efficient. BI tools access and analyse data sets and presents analytical findings in reports, summaries, dashboards, graphs, charts and maps to provide users with detailed intelligence about the state of the business or the organisation's goals in order to have a competitive market advantage and long-term stability.

Power BI lets you easily connect to data sources, visualise and discover what's important, and share that information with anyone you want. It aims to provide interactive visualisations and business intelligence capabilities with an interface simple enough for end users to create their own reports and dashboards.

12 January 2024 (Friday), 9.00 am – 5.00 pm

10 May 2024 (Friday), 9.00 am – 5.00 pm

20 September 2024 (Friday), 9.00 am – 5.00 pm

6 December 2024 (Friday), 9.00 am – 5.00 pm

OBJECTIVES

This programme seeks to help you:

- Connect and transform practical financial data sets with Business Intelligence approach
- Learn to connect Power BI ecosystem to different types of data sources
- Build relational models to blend data from multiple sources
- Bring data to life with interactive reports and dashboards
- Utilise advanced features of Power BI for data analytics and modelling, specifically for accountants

METHODOLOGY

A highly interactive learning session with trainer/speaker-led facilitation, live Q&As, quick polls/surveys, self-assessment quizzes and participant's feedback on learning outcome achievement.

WHO SHOULD ATTEND

- Chief Financial Officers
- Accountants and Finance Professionals
- Data Analysts and Data Processors
- Anyone wanting to understand how to use Power BI for data analytics and modelling

PROGRAMME OUTLINE

8.30 am – 9.00 am	Participants login to join the webinar	1.00 pm – 2.00 pm	Break
9.00 am – 11.00 am	<ul style="list-style-type: none"> • Introduction to Business Intelligence and Power BI <ul style="list-style-type: none"> > Concept of Business Intelligence > Examples and applications of BI > Introduction to Power BI Desktop • Business Intelligence Analytics for Accountants Hands-on Demo with Power BI <ul style="list-style-type: none"> > Hands-on analytic thinking with BI > Case study, open discussion with Power BI 	2.00 pm – 3.30 pm	<ul style="list-style-type: none"> • Calculating Measures with DAX <ul style="list-style-type: none"> > Understanding DAX syntax > Adding calculated columns and measures > Writing common formulas and functions • Building Interactive Visualisation with Dashboards <ul style="list-style-type: none"> > Inserting charts and visuals > Customising formats > Editing interactions > Applying filters
11.00 am – 1.00 pm	<ul style="list-style-type: none"> • Connecting and Shaping Data <ul style="list-style-type: none"> > Query Editor > Connecting to data > Data cleaning > Shaping and transforming tables > Editing, merging, and appending queries • Data Model: Data and Relationships View <ul style="list-style-type: none"> > Creating conditional columns > Performing basic mathematical operations > Understand cardinality and filter flow > Creating Relationships in the Query Editor 	3.30 pm – 4.30 pm	<ul style="list-style-type: none"> • Power BI Service and Optimising Power BI Performance <ul style="list-style-type: none"> > Exploring Power BI Service > Publish Power BI files > Exploring common Power BI optimising tools • Practical Approach with Finance Data Sets: Case Study <ul style="list-style-type: none"> > Applying data sets used for accountants > Creating useful financial dashboard for insights
		5.00 pm	End of Webinar

NOTE: The order of topics to be covered may be revised at the trainer/speaker's discretion.

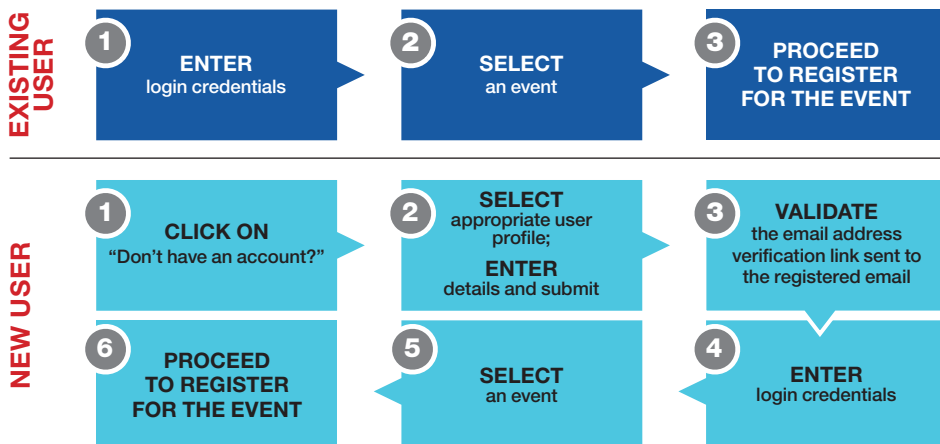
Business Intelligence Practical Approach for Accountants Using Power BI

With immediate effect, enrolment for all CPE programmes will be

STRICTLY VIA ONLINE REGISTRATION ONLY

REGISTRATION PROCESS

- To view more events and download the full brochure, please visit: pd.mia.org.my
- Search and select the event
- Click 'Register' to experience the new system by continuing with the respective steps below:



For any assistance, please call (8.45am-5.30pm, Monday-Friday)

MIA Help Desk @ 603-2722 9000

TERMS & CONDITIONS FOR WEBINARS

WEBINAR FEE

- Fee is payable to MALAYSIAN INSTITUTE OF ACCOUNTANTS
- For selected webinars, the fee includes e-materials.
 - Individual Registration:** Full payment shall be made at the point of online registration.
 - Corporate Registration:** Full payment shall be made within thirty (30) days from the date of the Invoice or 1 day before the webinar, whichever earlier.
- Access to join the webinar shall be granted only upon full payment as per the above requirement.

WEBINAR ACCESS LINK

- The Access Link will be emailed at least 24-hours before the commencement of the webinar.
- The Access Link is unique and should not be forwarded/shared with others.

PAYMENT MODE

- Payment must be made through the **electronic channels i.e. online payment via the MIA member service portal and electronic fund transfer (EFT).**
- Payment by **cash and cheque is NOT ACCEPTABLE** effective from 1 January 2022.

HRD CORP (FOR CLAIMABLE EVENTS ONLY)

- MIA is an approved Training Provider registered under 'Institut Akauntan Malaysia' (MyCoID: 631967).
- Employer's Obligations**
 - To ensure grant approval is obtained prior to event registration and to provide the Grant ID notification upon event registration.
 - To make full payment to MIA as per the issued Invoice within 14 working days upon receipt of MIA's notification in the event the approved training fee is cancelled by HRDC due to non-compliance on the part of the participant or his/her employer or any valid reasons stipulated by HRDC.
 - To settle the balance payment to MIA within 14 working days upon receipt of MIA's notification in the event only partial claim is approved by HRDC. MIA will provide copy of the original invoice and will not issue a new invoice for the balance amount.
 - If employer has made payment prior to grant approval, a refund will be made to employer subject to reimbursement received from HRDC. Refund will be made upon receipt of duly completed employer's EFT Form.
 - To provide required information and/or documents after completion of event for the purpose of HRDC Claim within 7 working days upon receipt of MIA's notification.

CANCELLATION

Should the participant decide to cancel his/her enrolment, a cancellation policy shall be applied as follows:

- For written cancellation received with minimum seven (7) days' notice from the date of the webinar, no penalties will be imposed and full refund will be made to participants who have paid.
- For written cancellation received less than seven (7) days from the date of the webinar, an administrative charge of 20% of the registration fee will be imposed. Unpaid registrations will also be liable for a 20% administrative charge.
- No refunds will be made for written cancellations received on the day of the webinar or for participants who failed to join the webinar. Unpaid registrations will also be liable for full payment of the registration fee.
- Replacing registered participants is not allowed.
- Paid registration that is cancelled can opt to transfer the paid amount to future event(s) after deducting any applicable administrative charges.
- The transfer request to future event(s) should be confirmed by Corporate/Individual within three (3) days after cancellation otherwise the cancellation will be confirmed with refund action. Transfer request will not be entertained after the refund is processed.
- Corporate/Individual is required to top-up the balance amount if the amount to be transferred to the future event is insufficient.

- Any excess amount after transfer will be refunded to the Corporate/Individual's bank account as provided in the EFT form.
- Corporate/Individual is required to provide the EFT form each time when a refund is requested.

PARTICIPANT'S CLASSIFICATION AND INFORMATION

Category: Corporate/Individual

- Please select the participant classification carefully as it determines the fee payable. No alteration will be allowed upon registration.
- The information on Corporate/Individual provided shall be deemed true and correct. No alteration will be allowed upon registration.

METHODOLOGY, CERTIFICATE OF ATTENDANCE AND CPE CREDIT HOURS

- Live Q&As, quick polls/surveys will be carried out throughout the webinar.
- For selected webinars, pre and/or post course materials will be shared with participants.
- Self-assessment quizzes at the beginning as well as at end of the webinar will be given to enable participants to self-evaluate themselves on their learning performance and level of understanding of the programme content.
- Participants will be issued with an e-certificate of attendance and awarded CPE credit hours upon strict compliance of the following terms:
 - Remain logged in at least 80% of the time allocated for the webinar,
 - Submit the post-course evaluation on learning outcome within 3 days after the completion of the webinar (late submission of the post-course evaluation will not be entertained).
- CPE credit hours will be credited into the MIA Member Services Portal within 14 days of the webinar for participants who have complied with all terms and conditions stipulated herein.
- Listening to pre-recorded webinar and/or reading from past webinar e-material shall not qualify as structured CPE credit hours.

COPYRIGHT

The materials of the webinar shall not be disclosed or used in any manner, either wholly or partially against any other parties and/or used in any manner, either wholly or partially as a defence by you and/or any other parties under any circumstances. The participants are therefore prohibited from reproducing any materials of this programme. All copyright and/or intellectual property rights in any relevant materials produced in this Programme will remain with the party who produced such materials. MIA disclaims responsibility for the materials of this programme. Neither the MIA, its Council or any of its Boards or Committees nor its staff shall be responsible or liable for any claims, losses, damages, costs or expenses arising in any way out of or in connection with any persons relying upon the materials provided during the webinar.

DATA PROTECTION

Information given by the participants to MIA is true, accurate and to the best of their knowledge. The participants have read and agreed with the Privacy Notice as stated on MIA's official website and therefore, allow MIA to collect, process, store and use the participants' data other than what is provided under the Personal Data Protection Act 2010.

EXCLUSION OF LIABILITY

This webinar shall not constitute an endorsement of the speaker(s) by MIA and MIA shall not be liable for whatsoever circumstances arising from any engagement between the speaker(s) and the webinar's participants.

DISCLAIMER

Malaysian Institute of Accountants (MIA) reserves the right to change the speaker(s), date(s), time(s) and to cancel the webinar should circumstances beyond its control arise. MIA shall not be responsible for any costs, damages or losses incurred by the participant due to the changes and/or cancellation. MIA also reserves the right to make alternative arrangements without prior notice should it be necessary to do so. Upon registering, you are deemed to have read and accepted the terms and conditions herein.

SPEAKER/TRAINER

ASSOC. PROF. TS. DR ALVIN JOHN LIM MENG SIANG

Dr Alvin is a data science consultant with the Ministry of Education Malaysia (MOE). He is also a lecturer and researcher at Universiti Tun Hussein Onn Malaysia (UTHM). At UTHM he lectures on a variety of subjects including civil engineering and computer science. He is also actively involved in numerous research projects in civil engineering and data analytics. At the MOE, he was involved in developing a data dashboard for a student enrolment system. Dr Alvin holds a PhD in Civil Engineering and B.Eng. (Civil) from Universiti Tun Hussein Onn Malaysia. He is a member of the Malaysian Board of Technologies as a Professional Technologist.

WEBINAR FEES

Member/Member Firm	RM 650
Non-member	RM 850

Preferred Payment: Pay with MIA-CIMB Affinity Credit Card.

WEBINAR DETAILS & REGISTRATION

- ☐ 12 January 2024 (Friday)
- ☐ 10 May 2024 (Friday)
- ☐ 20 September 2024 (Friday)
- ☐ 6 December 2024 (Friday)

Session 1 : 9.00 am – 11.00 am
 Session 2 : 11.00 am – 1.00 pm
 Session 3 : 2.00 pm – 3.30 pm
 Session 4 : 3.30 pm – 5.00 pm

Contact : Kogilavani
 Tel : 03 2722 9294
 Fax : 03 2722 9009
 Email : sp@mia.org.my
 Address : Malaysian Institute of Accountants
 Dewan Akauntan
 Unit 33-01, Level 33,
 Tower A, The Vertical
 Avenue 3, Bangsar South City
 No. 8, Jalan Kerinchi
 59200 Kuala Lumpur

HRD CORP (For Claimable Events Only)

Training Programme No.: 10001361166

Scheme Code : HRD Corp Claimable Courses
 –Skim Bantuan Latihan Khas

Type of Training : Remote Online Training (Public)