

DATA ANALYSIS SKILLS & VISUALIZATION FOR MANAGERS

April 7-8, 2025 | Kuching

Learning Outcomes

This foundational knowledge will serve as the bedrock for more advanced analysis and help avoid common pitfalls that could lead to erroneous conclusions.

Helps in learning how to use these tools to manipulate data sets, and create visual representations.

Helps to uncover valuable insights that can inform strategic decisions and lead to innovative solutions.

REGISTER NOW!

SCAN QR CODE TO REGISTER



Introduction

The extra value that data analytics can provide professionals as a decision-support tool in management decision-making will be highlighted in this course on data analysis for managerial decision-making. It will demonstrate how operational decision-making, policy information, and strategic initiatives can all be aided by data analysis. The main goals of this course on data analysis for managerial decision-making are to validate data analysis findings, highlight the uses of data analysis in management practice, and explain how quantitative reasoning fits into management decision-making. Increased confidence in applying evidence-based information to support managerial decision-making will eventually result from exposure to data analysis.

Target Audience

- Managers
- HODs
- Senior Executives



Meet Our Trainer:
Dr. Ponnalar

Also known as Malar, she is a HRDC Certified Trainer and a Business Coach with over 17 years of training experience. She holds a Bachelor of Arts, majoring in Anthropology & Sociology from National University of Malaysia (UKM), a Master's in Business Administration at University Utara Malaysia (UUM) and a Doctorate in Business Administration from University Utara Malaysia (UUM). She has acquired extensive experience in training and coaching across various fields, including leadership, human resources, performance appraisal, personal development programs, quality improvement initiatives, team building, and university and school programs, among others. Her distinctive qualities as a person lie in the unspoken elements of attentiveness, thoughtfulness, and powers of observation as well as a critical eye for detail.



LEARNING MODULES

Module 1: Introduction to Data Analysis

- What is data?
- Types of data
- Importance of data for decision making
- Data visualization
- Activity 1: Group discussion

Module 2: Statistical Concepts

- Fundamental statistical concepts
 - Mean
 - Median
 - Mode

Standard deviation

- Foundation for analyzing data sets
- Interpreting results accurately
- Different types of data
- Cleaning and organizing data effectively
- Avoid common pitfalls
 - Common method bias
 - Remedies

Module 3: Tools Mastery

- Microsoft Excel
- Google Sheets
- Survey Design
- SPSS
- Smart PLS

Module 4: Analytical Thinking

- Analytical thinking
- Patterns, trends, and correlations
- Don't just accept data at face value
- What is hidden behind the results?

Module 5: Interpret Results

- Interpret the results correctly
- Translating numbers into actionable insights
- What the data is telling about team's performance, customer behavior, or market trends?
- Be cautious of biases

Module 6: Data visualization

- Communicate findings effectively with graphs, charts
- Story telling with data
- Visual aids like charts and graphs to illustrate points
- Avoid jargon

Module 7: Present Findings

- Presentation slides
- Keep it Simple and Easy
- Focus areas during presentation

INVESTMENT FEE (Per Participant)

EARLY BIRD RATE	NORMAL RATE	CLOSING DATE OF REGISTRATION
RM 2190	RM 2390	EBR: One month before commencement of the course NR: One week before commencement of the course
Applicable for registrations received and paid one month before commencement of the course	Applicable for registrations received and paid after the EBR closing date	

*The fee is not yet inclusive of 8% SST

Closing Date: March 28, 2025



The Organiser reserves the right to make any amendments that are deemed necessary in the best interest of the workshop.

Please register me/us for the workshop on

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Do you intend to utilize HRDCorp Levy for this program? **Yes / No**

Upon submission of this form, I have read and accepted the terms & conditions of this registration

Participant 1

Name :
 Position :
 Contact :
 Email :

Participant 2

Name :
 Position :
 Contact :
 Email :

Participant 3

Name :
 Position :
 Contact :
 Email :

Company :
 Address :

Tel : Fax :

Nominating Person

Name :
 Position :

Approving Person

Name :
 Position :

Invoice Attention to :

Email :

TERMS & CONDITIONS:

- Fees are inclusive** of programme materials, refreshments, luncheons and certificate.
- Outstations participants** are advised to **call MRS before making any air-travels and hotel payments**. MRS shall not be liable for any loss or damage, costs or additional charges that may arise from the failure to confirm with us before making such arrangements.
- Payment, Confirmation & Admission**
An invoice shall be issued upon receipt of your registration form. Payment is required by the early bird rate closing date or other dates stated on the invoice, whichever is applicable. Full payment is expected prior to the commencement of the course. We reserve the right to refuse admission for registration that remains unpaid. A Letter of Undertaking may be acceptable with prior notice and consent.
- Substitution/Replacement of Participants**
Substitutions are allowed at no extra charge provided MRS is notified in writing at least 5 working days prior to the course wherein any substitution proposed thereafter, MRS may reserve its right to disallow such proposal, and any substitution which may be accorded thereafter (if any), MRS reserves its right to add an additional charge thereto.
- Cancellation of Participants**

For Paid Registrations	For Unpaid Registrations
<ul style="list-style-type: none"> • 30 days before course: Full refund or transferable • 14 days before course: Refund minus 15% admin fee or transferable • Less than 14 days before course: No refund but transferable • No show: No refund and not transferable 	<ul style="list-style-type: none"> • 30 days before course: No applicable admin fee • 14 days before course: 15% admin fee chargeable • Less than 14 days before course: Full fees chargeable and transferable • No show: Full fees chargeable and not transferable

***Transferable** - to a similar or different course with the necessary top up fee should the course transferred to, is of a higher value

6. Postponement

While all care shall be taken to carry on the course as scheduled, there may be circumstances that may deem it necessary for MRS to postpone or merge with another similar course. In such instance, participants hereby indemnify and holds MRS harmless from any cost incurred. Payment received will not be refunded but can be credited to MRS's other courses.

7. Permanent Cancellation

In the event of a permanent cancellation by MRS of a course and provided the event is not postponed to a later date or merged with another course, a full refund shall be made for paid registrations and no applicable admin fee for unpaid registrations. Participants hereby indemnify and holds MRS harmless from any cost incurred.

8. Participants have read and consent to MRS processing the **registration data** in accordance with the Personal Data Protection Notice posted on www.trainingprovider.org. As such, they have discharged their responsibility of ensuring the information provided herein is the most up-to-date information as possible.

MRS MANAGEMENT SDN BHD (275222-P)

KUALA LUMPUR CORPORATE OFFICE

Suite 33-01, 33rd Floor, Menara Keck Seng,
 203, Jalan Bukit Bintang, 55100 Kuala Lumpur, Malaysia

☎ +603-2116 5961 📠 +603-2116 5999

KUCHING OFFICE

Milan Square, Lot 48, Level 1,
 Jalan Wan Alwi, 93350 Kuching, Sarawak, Malaysia

☎ +6082-265 628/9
www.trainingprovider.org
 kristine.mrstraining@gmail.com,
 robin.mrstraining@gmail.com

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