

BIG DATA STRATEGY & APPLICATION "EXECUTIVE MASTERCLASS"

Enhance your skills on Big Data Analytics (BDA)

Introduction

This two day workshop is highly interactive in nature, with most of the time being allocated to discussions and combination of individual and group exercises.

Who Should Attend?

- CEO / Managing Director
- Business Owner
- CTO/ CFO
- Data Scientist / Data Engineer / Data Analyst
- Big Data Department
- Solution Architect

Objectives

- **Planning, implementing and managing** big data and analytics projects
 - **Assembling** data teams
 - **Using a data-driven approach** to improve business results
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Day 1

Training Topics

- Overview of **Big Data Analytics (BDA)**
- BDA **success stories** in Southeast Asia region
- The **analytics landscape** (descriptive, diagnostic, predictive and prescriptive)
- The **BDA ecosystem** (from ingestion to analytics to organisational transformation)
- **Big data** and **cloud technologies**

Day 1 (9am - 10.30am)

- Overview of Big Data Analytics (BDA)
 - The **3 V's of BDA** and creating value from them to benefit economies, societies and governments
- BDA success stories in Malaysia and around the region
 - **High-impact case studies** from a variety of industries and government agencies exploiting BDA

Day 1 (10.30am - 11am)

Morning break

Day 1 (11am - 12.30pm)

- The analytics landscape (descriptive, diagnostic, predictive and prescriptive)
 - **Analytics maturity stages**, from answering the questions "What Happened and Why It Happened, to What Will Happen and What is the Best Course of Action"
- The BDA ecosystem (from ingestion to analytics to organisational transformation)
 - **Understanding** the **end-to-end analytics environment** from Data Ingestion, ETL and Analytics, to Reports, Dashboards, and Actionable Insights

Day 1 (12.30pm - 1.30pm)

Lunch break

Day 1: 1.30pm - 3pm)

- Big data and cloud technologies
 - **Understanding cloud computing** and **running BDA** using cloud-based infrastructures such as **AWS, GCP and Azure**
- Organisational analytics maturity
 - The **5 stages of data and analytics maturity** and how they are related to business strategy, culture, people, process and technologies

Day 1 (3pm - 3.30pm)

Afternoon break

Day 1: (3.30pm - 5pm)

- Data science professionals and key competency areas
 - **Data scientists and data engineers**, how they fit into the BDA ecosystem and the skillsets required of them
 - A **discussion of a data-driven case study** that contains all the elements that have been presented in the workshop so far
 - Data storytelling & visualisation
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Day 2

Training Topics

- **Organisational analytics maturity**
- **Data science professionals** and **key competency** areas
- A **systematic approach** to starting a data science project
- Group activity: Data-driven **case study discussion**
- **Relevant industry** use **cases**
- Group activity: Data-driven business case **brainstorming and prioritisation**

Day 2 (9am - 10.30am)

- Big data monetisation: **Driving value from raw data to insights**
- Data-driven industry use cases: **Examining specific BDA monetisation use cases** and success stories that are relevant to the participants

Day 2 (10.30am - 11am)

Morning break

Day 2 (11am - 12.30pm)

- A systematic approach to starting a data science project
 - Introduction to the **CRISP-DM Methodology** for high-impact analytics projects
- Group activity: Data-driven **case study discussion**

Day 2 (12.30pm - 1.30pm)

Lunch break

Day 2 (1.30pm - 3pm)

- Relevant industry use cases
 - A discussion of specific **industry use cases** that are relevant to the participants to prepare them for the final brainstorming activity

Day 2 (3pm - 5pm)

- Group activity: Data-driven business case brainstorming and prioritisation
 - A **logical process of analysis and prioritisation** to identify "quick wins" business cases or analytics for the participants' organisation. The identified "quick wins" business cases will justify the analytics projects and/or proofs-of-concept
- Group presentation

Testimonials

"During this course, the instructor gave adequate examples to deepen our understanding. The class was good and would definitely recommend this."

- Intel employee -

"I really like the used cases for various industrials as well as the methodology and filtering method. The instructor is very knowledgeable and he taught the class very well."

- Intel employee -

"The trainer's ability to deliver the content well was what I like the most during this session. The class was also very engaging and resourceful.

Thumbs up!"

- Intel Employee -

"I've gotten more knowledge about AI and I have the idea of optimisation based on business needs from this course. The trainer managed to explain the materials clearly as well. Great job."

- Intel employee -

About Elite Indigo

Elite Indigo Consulting provides corporate training to the semiconductor and manufacturing industries. With a humble beginning of one founding member with passion and desire to share his 20 years of experiences in Smart Manufacturing for global manufacturing facilities, now, we have a strong and competent team of 20 members, all aligned with company mission, vision and core values.

Our Mission

"Transform Data into Insights - Leap Forward"

Our Vision

Be a Global Trusted Advisor in the Areas of Skills Development, Consultancy & Software Solutions specialising in Semiconductor & Manufacturing industries.

Our Core Values

TRUST

"A culture of self, team and clients trust"

PASSION

"Do what we love and love what we do"

EXCELLENCE

"If it's worth doing, it's worth doing it well"

