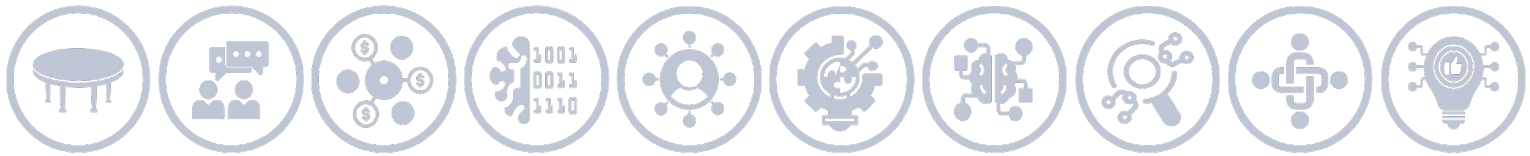
OpenCertHub®
Academy

DATA LITERACY EMPOWERMENT PROGRAMME (DLEP®)

Democratize Data Literacy to drive Data Monetization



Powered by **Data Mindset**

The DLEP® Learning Journey

Outline of the Modules

Outline of **Becoming a Data-inspired Leader**

Module 1: Fostering Data Culture with Data Mindset

Module Outline

This module is designed to develop a basis for leaders to upskill with data and improve self-readiness for data culture change. The module empowers the participants to speak common data language among the organization for effective data communication, transforming business problem into data problem with business context, being able to challenge or appreciate the daily work from team on data.

Key Contents

- Understand what is Data Mindset and why it is important.
- Improve data communication and collaboration by speaking common data language.
- Clarify purpose while communicating with data
- How to criticize on data

Duration: 3 Hours

Empower Culture Change with data

Module 2: Build Your Data Competent Team

Module Outline

This module is designed to provide leaders with essential insights and a practical methodology for leading transformation with data. The module empowers leaders to lead and inspire teams to build data habits to leverage the power of data in their daily work, transforming the data culture of the organization.

Key Contents

- Why care about data
- Challenges of building a data competent team
- Journey and mindset approach to drive data culture
- What makes a data-inspired leader

Duration: 3 Hours

Empower Team Building with data

Outline of **DLEP Foundation**

Module 1
Data in the Artificial Intelligence Era

Module Outline

The exponential growth of data has ushered in a new era of artificial intelligence, where data is the lifeblood that fuels revolutionary advancements. This module delves into the critical role of data in the age of AI, exploring the challenges and opportunities that come with harnessing the power of vast and complex datasets.

Key Contents

- Introduction to the Age of AI
- AI-powered data-driven decision making and problem solving
- Future Trends and Opportunities

Module 2
Data Mindset and Communication

Module Outline

This module is designed to empower the essential part of data literacy via the development of **Data Mindset**. Through this workshop, participants will improve their readiness for data culture change and their competencies in data communication.

Key Contents

- Importance of why we need to Speak, Think and Act with Data
- Ways to foster data culture
- Enhance collaboration via speaking common data language
- How to select the right chart for different scenarios
- Empower data communication via visualisation

Outline of **DLEP Foundation**

Module 3
Data Storytelling

Module Outline

To democratize data literacy in the organization, speaking data language is a fundamental skill that every staff should have. This module is designed to upskill the participants to speak the data language, combining the learning of visuals and narratives to turn data into story to inspire action.

Key Contents

- Comprehend the key elements of a data story.
- Understand the impact of data stories.
- Illustrate the structure of a data story.
- Craft personalized data stories from daily work context using a step-by-step approach.
- Inspire action through data storytelling.

Module 4
Data Visualization

Module Outline

This module is designed to give the essential knowledge and skills in data visualization with the 4 types of analytics (Descriptive, Diagnostic & Predictive). It outlines the best practices in creating dashboard with key attributes & styles.

Key Contents

- 4 types of data analytics
- Best practices in building effective dashboards
- Visualization demonstration and hands-on exercise (PowerBI)

Outline of **DLEP Foundation**

Module 5
Data Project

Module Outline

To evaluate the learning of the participants, the **Data Project** is the DLEP module designed to review the teams learning outcomes following the empowerment journey. Through the mentoring and presentation session, participants can receive feedback and guidance from trainers on data related mindset and skills according to their data projects.

Key Contents

- To apply the key learnings in team project exercise
- To provide mentoring on data related mindset and skill set
- To create impactful business use case with data insights

Part A – Mentoring Session: Project Idea & Storytelling

Part B – Data Project Presentation