



Certified Lead Implementer in Business Intelligence CoE

INTRODUCTION

DURATION: 4 DAYS

The certification program “**Certified Lead Implementer in Business Intelligence Center of Excellence (BI CoE)**” provides a comprehensive and hands-on learning experience focused on establishing and managing a centralized hub for business intelligence initiatives within an organization. Instead, it underscores the critical role BA plays in enhancing a business's decision-making foundation, optimizing operational processes, and ultimately bolstering competitiveness through the strategic utilization of relevant data. Unlike BA initiatives that solely revolve around an organization's technical environment, successful BA endeavors are intricately connected to the overarching organizational strategy, encompassing mission, vision, and goals. This alignment ensures that BA initiatives serve the vital purpose of steering business processes in a direction that aligns with and advances key business objectives.

COURSE OBJECTIVES

- Understand the distinctions between data, information, and knowledge.
- Examine various methods and techniques for data analysis.
- Understand how analytics are applied to improve the effectiveness of specific business functions.
- Able to conduct analytics on assessment results.
- To be able to conduct a maturity assessments & develop a road-map moving forward.

WHO SHOULD ATTEND?

- Transformation Manager, Human Resources, Finance, Strategic, Production Managers, Administration
- Managers, Executives & Administrators
- Basically, anyone that interested to understand how to develop a Business Intelligence CoE for their organisation.

PREREQUISITE

- Basic understanding of the concept of digital transformation.

METHODOLOGY

- Interactive presentation, with illustrations (videos), group discussions and Lab session - hands-on/ practical session.



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DAY 1

Lesson 1. Data, Information & Knowledge

- Data
- Information
- Knowledge
- 3 Types of Knowledge

Lesson 2. Overview of Data Flow in an Organisation

- History of Data Management.
- Why is it called BIG DATA?
- Format of Data.
- Problem with Data
- The Basic Process Flow of Data.
- Tools

Lesson 3. About Business Analytics

- What are Business Analytics?
- Before we Analyse.
- Why is it important to work?

Lesson 4. Methods of Analysis

- Basic Analytics.
- Advance Analytics.
- Predictive Modelling.
- What is Data Mining?
- Algorithms in data Mining.

Discussion Session

Lesson 5. Data Analytics in the Real World

- Analytics Lifecycle.
- The value of Data Streaming.
- The 4b types of Analytics.
- **Discussion Session**

DAY 2

Lesson 6. The Business Analytics Model

Lesson 7. Business Analytics at the Strategic Level

- Two Important questions.
- Link between strategy and business analytics.
- What are strategies?
- Strategy development process.
- Strategy and Business Analytics: 4 scenarios

Lesson 8. Business Analytics at the Analytics Level

- The Analyst Role in Business Analysis.
- Technical Perspective VS Business Perspective.
- Three Requirements the Analyst must meet

Particle session: Identifying Business Requirement

DAY 3

Lesson 9. Business Analytics at the Data Warehouse Level

- Why a Data Warehouse.
- Architecture and Process in A Data Warehouse.
- Data Warehousing Summary

Lesson 10. Analytics in the operational process

- The use of Information as a strategy.
- Appendix B: Customer Relationship Management Activities.
- Getting valuable customers.
- Value creation for existing customers.
- Keeping customers.

Lesson 11. Conducting a Big data & Analytics Maturity Level

- Understanding the questionnaire
- Conducting the Test.
- Preparing Data.
- Analysing Data
- Visualising Data

Particle Session: Microsoft Power Bi or other tools.

Lesson 12. The Companies Collection of Data

- New Trends.
- Overview
- Primary VS Secondary Data
- Strategy & Information.
- What are source systems.
- Data generating sources

Discussion Session

Lesson 13. Business Intelligence Competence Centre

- What is a Business Intelligence Competence Centre?
- Why Set up a Business Competence Centre?
- Tasks and Competencies
- When Should a BICC be establish?

Lesson 14. Business Assessment and prioritizing of BA Projects

- Uncover the Value Creation
- Look at the uncertainty
- Project as the Bigger Picture.

Particle session: Prioritisation of Data Source for Specific BA Projects

DAY 4

Lesson 15. Business Analytics in the Future

Exam – Multiple Choice Questions and Project – 3 hours

Endorsed by:



HRDcorp Claimable:



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