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Course Name

Learning Analytics and Evidence-Based Decision Making in Education

Sector Name

HR Strategy and Training

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Learning Analytics and Evidence-Based Decision Making in Education

Course Introduction

As education systems and corporate learning functions evolve, the ability to analyze learning data and make evidence-based decisions has become a cornerstone of effective educational leadership. This advanced program by **BOOST Consulting & Training** is designed for educators, L&D professionals, and institutional leaders who seek to harness the power of learning analytics to enhance teaching quality, learner engagement, and organizational performance.

The course provides a comprehensive exploration of how data can inform every stage of the learning process — from curriculum design and learner assessment to strategic planning and continuous improvement. Participants will learn how to interpret data from multiple sources, use analytics tools, and apply evidence-based insights to improve learning outcomes and institutional effectiveness.

Through structured modules, participants will gain the skills to integrate data into decision-making processes, align learning analytics with strategic objectives, and build a culture of accountability and innovation within their institutions.

By the end of the program, participants will be able to design, implement, and communicate data-driven strategies that create measurable impact across educational systems and corporate learning environments.

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Target Audience

✓ Educational Leaders and Academic Directors
✓ Learning & Development Managers and Specialists
✓ Curriculum and Instructional Designers
✓ Quality Assurance and Institutional Effectiveness Officers
✓ Researchers and Data Analysts in Education
✓ Trainers and HR Development Professionals

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Learning Objectives

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✓ Learning & Development Managers and Specialists
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✓ Quality Assurance and Institutional Effectiveness Officers
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Course Outline

✓ DAY 01

Foundations of Learning Analytics and Evidence-Based Practice

- ✓ Introduction to learning analytics: definitions, scope, and applications.
- ✓ The shift toward evidence-based education: global trends and frameworks.
- ✓ The role of data in modern learning ecosystems — academic and corporate.
- ✓ Key questions analytics can answer: engagement, performance, and outcomes.
- ✓ Understanding quantitative vs. qualitative learning data.
- ✓ Ethical considerations, data privacy, and responsible analytics in education.

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Course Outline

✓ Day 02

Data Collection and Measurement in Learning Environments

- ✓ Identifying and prioritizing relevant data sources (LMS, assessments, surveys, performance systems).
- ✓ Types of learning data: behavioral, academic, social, and contextual.
- ✓ Establishing metrics and KPIs for learning effectiveness.
- ✓ Data governance and integrity: ensuring accuracy and validity.
- ✓ Techniques for collecting and managing large datasets.
- ✓ Role of technology in learning analytics (AI, dashboards, and automation tools).

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Course Outline

✓ Day 03

Data Analysis and Interpretation for Educational Improvement

- ✓ Approaches to analyzing learning data: descriptive, diagnostic, predictive, and prescriptive analytics.
- ✓ Methods of data interpretation for instructional design and learner engagement.
- ✓ Identifying patterns, trends, and correlations in learner performance.
- ✓ Translating data insights into actionable improvement plans.
- ✓ Benchmarking and comparative analytics: measuring institutional success.
- ✓ Case examples from higher education, corporate learning, and public education sectors.

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Course Outline

✓ Day 04

Visualization, Communication, and Evidence-Based Decision Making

- ✓ Designing effective data dashboards and visual reports for different stakeholders.
- ✓ Principles of data storytelling: transforming numbers into meaningful narratives.
- ✓ Decision-making frameworks for educators and training leaders.
- ✓ Using analytics for curriculum redesign, personalized learning, and adaptive pathways.
- ✓ Evaluating and communicating impact: linking data to learning outcomes and ROI.
- ✓ Collaboration between educators, IT, and analytics teams.

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Course Outline

✓ Day 05

Building a Data-Driven Learning Culture

- ✓ Institutional readiness for learning analytics: structures, tools, and leadership roles.
- ✓ Embedding evidence-based thinking across teams and departments.
- ✓ Managing change and promoting data literacy among educators.
- ✓ Using analytics to drive continuous improvement and innovation.
- ✓ The future of learning analytics: predictive models, AI integration, and adaptive learning systems.
- ✓ Developing a personal and institutional action plan for applying analytics in education.

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Dec. 28, 2026	Jan. 1, 2027	5 days	4250.00 $	UAE , Abu Dhabi
Jan. 4, 2027	Jan. 8, 2027	5 days	4250.00 $	UAE , Dubai
May 2, 2027	May 6, 2027	5 days	4250.00 $	Qatar , Doha
July 26, 2027	July 30, 2027	5 days	4250.00 $	UAE , Dubai
March 15, 2027	March 19, 2027	5 days	4950.00 $	Spain , Barcelona

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