



Consulting and Training | Reach New Heights

Course Name

Certificate in Data Analytics Professional (CDAP)

Sector Name

Digital Transformation and Innovation

Document Type

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Certificate in Data Analytics Professional (CDAP)

Course Introduction

In the age of information, the ability to translate data into actionable insights is one of the most critical skills for professionals across industries.

BOOST's Certificate in Data Analytics Professional (CDAP) is an intensive, hands-on training program that empowers participants to master the complete data analytics process — from data collection and cleaning to advanced analysis, interpretation, and storytelling.

Designed for both beginners and experienced professionals seeking practical expertise, this program provides a robust foundation in statistical thinking, data management, predictive modelling, and communication of findings to drive better decision-making.

Participants will work on real-world case studies, practical exercises, and end-to-end projects to build strong, applied analytics capabilities that can be immediately used to add value in any organization.



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Target Audience

- ✓ Business analysts, marketing analysts, and finance professionals.
- ✓ Managers and decision-makers are aiming to leverage data for better strategies.
- ✓ Consultants and entrepreneurs need stronger data-driven skills.

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Learning Objectives

- ✓ Understand the full data analytics lifecycle and its strategic value.
- ✓ Develop critical data wrangling, preparation, and cleaning skills.
- ✓ Apply exploratory data analysis (EDA) techniques to discover hidden patterns.
- ✓ Perform predictive analytics using regression, classification, and clustering.
- ✓ Master data-driven decision-making and storytelling techniques.
- ✓ Utilize essential analytics tools such as Excel, Power BI, and Python basics (optional module).
- ✓ Build a personal portfolio project to showcase analytics skills.

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Course Outline

✓ DAY 01

Fundamentals of Data Analytics and Data Foundations

- ✓ Introduction to data analytics and its importance in modern organizations.
- ✓ The data analytics lifecycle: Ask → Prepare → Analyse → Share → Act.
- ✓ Types of data: Structured, semi-structured, and unstructured.
- ✓ Data sources, data quality, and data governance basics.
- ✓ Workshop: Setting up your first analytics project.

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Course Outline

✓ Day 02

Data Preparation and Wrangling Techniques

- ✓ Techniques for collecting, cleaning, transforming, and validating data.
- ✓ Dealing with missing data, outliers, and anomalies.
- ✓ Introduction to SQL basics for data extraction.
- ✓ Data preparation best practices in Excel and Power Query.

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Course Outline

✓ Day 03

Exploratory Data Analysis (EDA) and Statistical Thinking

- ✓ Introduction to descriptive statistics: Mean, median, standard deviation, etc.
- ✓ Visualizing data patterns with charts, graphs, and pivot tables.
- ✓ Correlations, distributions, and identifying trends.
- ✓ Introduction to hypothesis testing and basic inferential statistics.

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Course Outline

✓ Day 04

Predictive Analytics and Introduction to Machine Learning Concepts

- ✓ Understanding supervised vs. unsupervised learning.
- ✓ Building predictive models: Linear regression, decision trees, clustering basics.
- ✓ How predictive analytics drives business value.
- ✓ Introduction to Power BI for data modelling and visualization.
- ✓ Case Study: Build a simple predictive model to forecast business outcomes.

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Course Outline

✓ Day 05

Data Storytelling, Decision-Making, and Portfolio Project

- ✓ Principles of effective data storytelling and visualization.
- ✓ Crafting narratives that drive decisions.
- ✓ Communicating findings to non-technical audiences: Executive reporting essentials.
- ✓ Final Project: Analyse a real-world dataset from start to finish.

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
June 28, 2027	July 2, 2027	5 days	4250.00 \$	UAE , Dubai
Nov. 16, 2026	Nov. 20, 2026	5 days	4950.00 \$	Austria , Vienna
Aug. 31, 2026	Sept. 4, 2026	5 days	4250.00 \$	UAE , Abu Dhabi
March 15, 2027	March 19, 2027	5 days	4250.00 \$	UAE , Dubai
Sept. 14, 2026	Sept. 18, 2026	5 days	4250.00 \$	UAE , Dubai

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