



Consulting and Training | Reach New Heights

Course Name

Certified Data Analysis Professional

Sector Name

Internationally Certified Training Programs

Document Type

Generated by Boostlab

[Click Here To Visit Course](#)

ABU DHABI: +971 2 449 6000

ABU DHABI: +971 50 412 3294

DUBAI: +971 4 888 6787

KSA: +966 56 416 0617

EGYPT: +20 127 111 1770



Certified Data Analysis Professional

Course Introduction

The Certified Data Analysis Professional is the first level of our Data Analysis Program. It is a hands-on training course aimed at equipping you with the necessary concepts and tools needed to perform basic statistical and analytical reporting activities, in order to generate value out of the existing data. The course provides you with the knowledge required for understanding distinct methods used in analyzing data, statistical interpretation of quantitative and qualitative data, and becoming proficient in using key Microsoft Excel features, by building frequency and conditional tables, creating different types of charts, finding correlations and relationships between variables, hypothesis testing and statistical modeling.

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

[Click Here To Visit Course](#)

Certified Data Analysis Professional

Target Audience

- ✓ The course is designed for anyone who has basic mathematical training and basic competencies in using Microsoft Excel. Statistical knowledge, intermediate or advanced knowledge of Excel, practical experience with data analysis, and related duties are not necessary but may contribute to a better understanding and more in-depth coverage of the course content. Diversity of participants' backgrounds may help in a thorough coverage of the entire syllabus.
- ✓ The course is addressed to managers, Human Resources Representatives, analysts, auditors, or logistics and acquisitions experts, as well as to professionals from other business areas who deal with data and analysis on a daily basis.
- ✓ The course may also be a starting point for those interested in pursuing career opportunities in data analysis, data modelling, and related activities (e.g., campaign management, data mining, statistics, risk management, reporting, data processing for survey analysis, etc.).

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

[Click Here To Visit Course](#)



Certified Data Analysis Professional

Learning Objectives

- ✓ Developing a hands-on, practical overview of data analysis and connected topics;
- ✓ Integrating statistical concepts and analysis tools that are widely used in corporate analytics environments.
- ✓ Analyzing examples of practical applications for statistical methods used in solving real-life business issues;
- ✓ Acquiring mastery of Microsoft Excel Data Analysis features, by learning to use statistical
- ✓ techniques through practical examples

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

[Click Here To Visit Course](#)

Certified Data Analysis Professional

Course Outline

✓ **01 Day One**

Understanding Data Analysis:

Course context:

- ✓ Introduction of the participants
- ✓ Expectations setting
- ✓ Learning objectives formulation
- ✓ Course agenda presentation

Business Understanding:

- ✓ Definition of Data Analysis
- ✓ Types of Data Analysis
- ✓ Data Analysis Process
- ✓ Data Analysis Governance
- ✓ Data Analysis in Business Capabilities

Data Preparation:

- ✓ Types of Data Sets
- ✓ Data Quality
- ✓ Data Cleaning
- ✓ Data Aggregating

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

[Click Here To vist Course](#)

BOOST

Certified Data Analysis Professional

Course Outline

✓ 02 Day Two

Understanding Data Analysis:

Data Exploration:

- ✓ Frequency Tables
- ✓ Qualitative Charts
- ✓ Quantitative Charts
- ✓ Structure Charts

Descriptive Statistics:

- ✓ Univariate Analysis
- ✓ Bivariate Analysis

Sampling:

- ✓ Population and Sample
- ✓ Sampling Techniques
- ✓ Sampling Determinations

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

[Click Here To vist Course](#)

BOOST

Certified Data Analysis Professional

Course Outline

✓ 03 Day Three

Core of Data Analysis:

Estimation of Population:

- ✓ Inferential Statistics Types
- ✓ Sources of Estimation Errors
- ✓ Central Limit Theorem
- ✓ Normal Distribution and T-Distribution
- ✓ Population Interval Estimation

Hypothesis Testing:

- ✓ Hypothesis Testing Procedure
- ✓ Type I and Type II Errors
- ✓ Level of Significance and p-Value
- ✓ Different Types of Hypothesis Testing

Z-Test and T-Test:

- ✓ One Sample Analysis
- ✓ Two Independent Samples Analysis
- ✓ Two Dependent Samples Analysis

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

[Click Here To vist Course](#)

BOOST

Certified Data Analysis Professional

Course Outline

✓ **04 Day Four**

Advanced Data Analysis:

Analysis of Variance:

- ✓ F-Distribution
- ✓ ANOVA Test Procedure
- ✓ Three or more Independent Samples Analysis

Chi-Square Tests:

- ✓ Chi-Square Distribution
- ✓ Goodness of Fit Test
- ✓ Test of Independence

Linear Regression Analysis:

- ✓ Least Squares Method
- ✓ Coefficient of Determination and Correlation
- ✓ Standardization; Homogeneity.

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

[Click Here To vist Course](#)

BOOST

Certified Data Analysis Professional

Course Outline

✓ **05 Day Five**

Advanced Data Analysis:

Multiple Regression Analysis:

- ✓ Multiple Coefficient of Determination
- ✓ Multicollinearity
- ✓ Variance Inflation Factor

Time Series:

- ✓ Trend Component
- ✓ Cyclical Component
- ✓ Seasonal Component
- ✓ Irregular component
- ✓ Moving Average

Review and certification exam:

- ✓ Course Review
- ✓ Certification Exam

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

[Click Here To vist Course](#)

BOOST

Certified Data Analysis Professional

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Aug. 10, 2026	Aug. 14, 2026	5 days	4250.00 \$	UAE , Dubai
Oct. 26, 2026	Oct. 30, 2026	5 days	2150.00 \$	Virtual , Online
June 8, 2026	June 12, 2026	5 days	4250.00 \$	UAE , Dubai
Jan. 25, 2027	Jan. 29, 2027	5 days	4950.00 \$	Netherlands , Amsterdam

ABU DHABI: +971 2 449 6000
ABU DHABI: +971 50 412 3294
DUBAI: +971 4 888 6787
KSA: +966 56 416 0617
EGYPT: +20 127 111 1770

[Click Here To vist Course](#)

info@boostuae.com info@boostorg.com

Generated by BoostLab •

