

Certified Data Analysis

Course overview

WHY CHOOSE A CERTIFICATION IN DATA ANALYSIS?

The Data Analysis Certification is an accreditation that endorses you both for the knowledge and practical application of best practices used in analyzing statistical data.

The certification is the result of a complex, experiential learning program that has 3 sections: pre-course activities, 3 days core-course activities and post-course assignments.

You will acquire the tools and skills needed to develop complex data analysis, useful for the processing and interpretation of data and relevant for your company's profile.

WHY IMPROVE YOUR DATA ANALYSIS COMPETENCIES?

Predict changes in your own business

Successful organizations compare historic company data with newly acquired information on the market to visualize industry trends and improve their asset management programs. The accurate usage of data analysis helps companies predict market tendencies and adapt accordingly. (Intelligent Utility Report September/October 2011)

Capture the current situation of your organization

Leading companies focus on analyzing specifications of tax analytics in order to have an in depth understanding of the company's current state. They began training employees and turned them into highly skilled analytics professionals. (Deloitte Analytics Trends 2015- A below the surface look).

Manage employee workload

One of the new trends in data analytics is optimizing workload management and delegate responsibilities accordingly to obtain an efficient working environment. Data analysis provides specific insight on the working processes and adds value to workload management. (Trends in Big Data Analysis, University of Minnesota/2012).



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WHAT ARE THE MAIN BENEFITS?

Recognition and endorsement

Obtain a premium recognition, granted by The KPI Institute, for your ability to process and analyze quantitative data. Boost your professional reputation and position yourself as a Data Analysis Professional.

Competitive advantage

Gain the ability to process large data sets into clearly structured frameworks and differentiate yourself from other specialists. Apply specific procedures for analyzing and interpreting big data sets, as well as techniques for interpreting results and extracting valuable insights.

KEY LEARNING OBJECTIVES

The capability to analyze statistical data can endorse strategic business decisions. The training course will provide insights on the fundamental methods for analyzing and interpreting statistical data.



Analyze

Organize

Interpret

Assess

Present

**Certified
Data
Analysis**

Module

1. Understanding data analysis

2. Data Analysis Tools and processes

3. Advanced data analysis techniques

4. Data presentation

What you'll learn

- Basic data analysis processes; data quality; data source taxonomy; organizing, synthesizing and aggregating data;
- Statistical Analysis Tools; Data visualization and pattern detection; data comparison; univariate and multivariate analysis; regression analysis
- Probability and confidence; From exploratory to predictive modelling; data dimensionality; software enablers for Data Analysis
- Essential aspects in data analysis outputs; summarization capacity for data interpretation;