5 Days

The Complete Course on Data Science & Big Data Analytics

▶ Upcoming Sessions

02-06 Sep 2024	Online	$3,950
17-21 Feb 2025	Online	$3,950

▶ Training Details

Online Training Course Overview

If your organization is not a remnant of the past, then it has already ventured into the realm of Big Data as well as Data Science. By being able to extract adequate patterns, identify the outliers and make accurate forecasts you and your company will be able to sustain your growth and increase effectiveness, while at the same time reduce overtime, delays and costs associated with these unwanted effects.

This popular Anderson online training course provides you with the adequate knowledge of the Big Data and Data Science principles, effective way of use, benefits as well as pitfalls to avoid. Take the power of Big Data with you on your road to success.

Online Training Course Objectives

By attending this Anderson online training course, delegates will be able to:

▸ Identify the Big Data sources and ways to gather and use the data
▸ Effectively utilize the Data Science and Analytics
▸ Use the models of clustering, forecasting and unstructured data analysis
▸ Present the benefits of Big Data Analytics to stakeholders
▸ Use the Big Data to optimize the performance of your team and organization

Designed For

This Anderson online training course is suitable to a wide range of professionals but will greatly benefit:

▸ Professionals involved in Data Science and Data Analytics
▸ Statistical and Research Analysts
▸ Key Application Development and data Research Personnel
▸ Technology Engineers, CTO and CIO
▸ Strategic Development Directors
▸ Team leaders, supervisors, section heads and managers
▸ Professionals who have an interest in a management position
▸ Technical professionals including those in Maintenance, Engineering & Production
▸ IT specialists

▶ Training Details

Day One: Big Data Analytics

- Current Practices and trends in Big Data Analytics
- Business Intelligence v Data Science
- Analytical Architecture for Big Data
- Roles for Big Data within the Technology and Commercial Enterprise
- Key Drivers for Big Data Analytics
- Case Study and Summary

Day Two: Data Analytics Models and Lifecycle

- Data Analytics Lifecycle
  - Stage 1 - Discovery
  - Stage 2 - Preparation of Data
  - Stage 3 - Model Planning and Review
  - Stage 4 - Model Creation
  - Stage 5 - Communication Plan
  - Stage 6 - From Planning to Operation
  - Case Study and Summary

Day Three: Data Analytical Methods and Programs Overview

- Overview of R Framework
- Overview of Big Data Analytics
- Exploratory Data Analysis
- Statistical methods of Evaluation
- Advanced Methods of Clustering
- Advanced Theory and Methods of Association Rules
- Advanced Theory and Methods of Regression
- Case Study and Summary

Day Four: Advanced Theory and Methods Overview

- Advanced Analytical Theory of Classification
- Advanced Analytical Theory of Time Series Analysis
- Advanced Analytical Theory of Textual Analysis
- Technology and Tools for Advanced Data Analytics
- Use Case and Assessment
- Case Study and Summary

Day Five: Technology, Tools and Achieving Results

- Unstructured Data Analytics
- Advanced Analytical Tools in Database Analytics
- How integrate Data Analytics
- Current Best Practice Management and Approach for Project Delivery
- Data Visualization Overview
- Summary ad Case Study

▶ Preview

10:30 - 11:00	:	Welcome, Setup, Registration
11:00 – 12:30	**:**	**First Session**
12:30 – 12:45	:	Break (15 minutes)
12:45 – 14:15	**:**	**Second Session**
14:15 – 14:30	:	Break (15 minutes)
14:30 – 16:00	**:**	**Third Session**

▶ The Certificate

An Anderson e-Certificate of Completion will be provided to delegates who attend and complete the course

▶ INFO & IN-HOUSE SOLUTION

For more information about this course, call or email us at:

Call us: +971 4 365 8363

Email: info@anderson.ae

Request for a Tailor-made training and educational experience for your organization now:

Email: inhouse@anderson.ae

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