CompTIA Data+ (Plus) Certification Course

TRAINING

Empower Your Data Insights: Achieve Mastery with CompTIA Data+ Certification

Online
Monday - Friday, September 23 - 27, 2024 | 9AM - 3PM EST

PUBLIC SECTOR NETWORK

Certified B Corporation

Overview

In the age of information, the ability to understand, interpret, and leverage data has become crucial across industries. The CompTIA Data+ certification is a cutting-edge credential designed for professionals looking to gain a competitive edge in the burgeoning field of data analysis. This certification provides a comprehensive foundation in data analytics, preparing individuals to turn data into actionable insights and drive business strategies forward.

The CompTIA Data+ certification covers essential topics such as data mining, data manipulation, data analysis, and data visualization, alongside the critical thinking skills necessary to interpret complex datasets. It is structured to ensure candidates are proficient in using various tools and technologies to process, analyze, and visualize data in real-world scenarios. From understanding data concepts and environments to mastering the art of storytelling with data, this certification equips professionals with the skills to influence decision-making processes and contribute to the data-driven culture of their organizations.

Ideal for individuals looking to embark on or advance their careers in data analytics, the CompTIA Data+ certification validates your ability to work with data effectively, ensuring you can handle the challenges of data management and analysis in any organizational context. By becoming CompTIA Data+ certified, you not only prove your expertise in handling data but also demonstrate your commitment to professional growth in the field of data analytics. Embark on a journey to data mastery with CompTIA Data+ and unlock the potential to transform insights into action.

Who Attends

- Data Analyst
- Business Analyst
- Marketing Analyst
- Financial Analyst
- Operations Analyst
- Healthcare Data Analyst
- HR Analyst
- Data Scientist (Entry-Level)
- Database Administrator (with a focus on data analytics)
- IT Support Specialist (with a focus on data reporting)
- Data Quality Coordinator
- Data Governance Specialist
- Report Developer
- BI Specialist/Analyst
- Project Manager (with a focus on data-driven projects)

Learning Objectives

Data Concepts and Environments

Boost your knowledge in identifying basic concepts of data schemas and dimensions while understanding the difference between common data structures and file formats.

Data Mining

Grow your skills to explain data acquisition concepts, reasons for cleansing and profiling datasets, executing data manipulation, and understanding techniques for data manipulation.

Data Analysis

Gain the ability to apply the appropriate descriptive statistical methods and summarize types of analysis and critical analysis techniques.

Visualization

Learn how to translate business requirements to create the appropriate visualization in the form of a report or dashboard with the proper design components.

Data Governance, Quality, & Controls

Increase your ability to summarize important data governance concepts and apply data quality control concepts.

Explore the Key Sessions

This program will be delivered across 5 days from September 23 to September 27, 2024, 9am to 3pm EST with breaks for morning tea, lunch and afternoon tea.

The CompTIA Data+ certification is structured around core modules that cover a broad spectrum of data analytics concepts and practices. Below is an overview of these modules, with key focus areas highlighted for each:

Data Concepts and Environments

- Understanding basic data concepts, including types, structures, and lifecycles.
- Familiarity with various data environments, such as traditional databases, big data ecosystems, and cloud storage solutions.
- Identifying and implementing data quality standards to ensure accuracy and reliability of data.
- Recognizing the significance of data governance and compliance with data protection regulations.
- Exploring the use of data in different industry sectors and its impact on business strategies.

Data Mining

- Introduction to data mining concepts and techniques for extracting valuable information from large datasets.
- Utilizing data extraction methods to retrieve data from various sources.
- Applying data cleaning techniques to prepare data for analysis.
- Understanding the basics of data manipulation and transformation.
- Recognizing patterns and trends through exploratory data analysis.

Data Analysis

- Applying statistical methods and techniques to analyze data.
- Conducting quantitative and qualitative analysis to interpret data findings.
- Utilizing analytical models to solve business problems and make data-driven decisions.
- Introduction to machine learning algorithms for predictive analytics.
- Assessing the effectiveness of data analysis through key performance indicators (KPIs) and metrics.

Pricing for Public Courses

Early Bird 1	Early Bird 2	Standard
$2,590 CAD	$2,790 CAD	$2,990 CAD

Visualization and Reporting

- Designing and creating data visualizations to effectively communicate data insights.
- Selecting appropriate visualization tools and techniques based on the data and the intended audience.
- Developing reports and dashboards to present findings and support business decisions.
- Applying principles of data storytelling to enhance the understanding and impact of data insights.
- Ensuring accessibility and comprehension of data visualizations across diverse audiences.

Tools and Technologies

- Familiarity with a range of data analytics tools and software, including spreadsheets, databases, and specialized analytics platforms.
- Introduction to programming languages commonly used in data analytics, such as SQL, Python, and R.
- Navigating business intelligence (BI) tools and data visualization software.
- Leveraging cloud-based analytics services for scalable data analysis solutions.
- Understanding the role of automation in data analytics for efficiency and accuracy.