

CompTIA Data+

Course Overview

CompTIA Data+ is an early-career data analytics certification for professionals tasked with developing and promoting data-driven business decision-making.

The Official CompTIA Data+ Instructor and Student Guides teaches learners the knowledge and skills required to transform business requirements in support of data-driven decisions by mining data, manipulating data, applying basic statistical methods, and analyzing complex data sets while adhering to governance and quality standards throughout the entire data lifecycle. In addition, it will help prepare candidates to take the CompTIA Data+ certification exam.

Skills You Will Learn:

- **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 form 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

Target Audience

Data Analyst

Reporting Analyst

Business Intelligence Analyst

Marketing Analyst

Operations Analyst

Course Objectives

CompTIA Data+ gives you the confidence to bring data analysis to life. As the importance for data analytics grows, more job roles are required to set context and better communicate vital business intelligence. Collecting, analyzing, and reporting on data can drive priorities and lead business decision-making. CompTIA Data+ validates certified professionals have the skills required to facilitate data-driven business decisions, including:

- Mining data
- Manipulating data
- Visualizing and reporting data
- Applying basic statistical methods
- Analyzing complex datasets while adhering to governance and quality standards throughout the entire data life cycle

Duration

5 Days

Certifications

DA0-001

Contact Us

(800) 674-3550

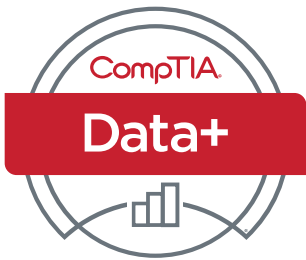
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Course Outline

- **Lesson 1: Identifying Basic Concepts of Data Schemas**
- **Lesson 2: Understanding Different Data Systems**
- **Lesson 3: Understanding Types and Characteristics of Data**
- **Lesson 4: Comparing and Contrasting Different Data Structures, Formats, and Markup Languages**
- **Lesson 5: Explaining Data Integration and Collection Methods**
- **Lesson 6: Identifying Common Reasons for Cleansing and Profiling Data**
- **Lesson 7: Executing Different Data Manipulation Techniques**
- **Lesson 8: Explaining Common Techniques for Data Manipulation and Optimization**
- **Lesson 9: Applying Descriptive Statistical Methods**
- **Lesson 10: Describing Key Analysis Techniques**
- **Lesson 11: Understanding the Use of Different Statistical Methods**
- **Lesson 12: Using the Appropriate Type of Visualization**
- **Lesson 13: Expressing Business Requirements in a Report Format**
- **Lesson 14: Designing Components for Reports and Dashboards**
- **Lesson 15: Distinguishing Different Report Types**
- **Lesson 16: Summarizing the Importance of Data Governance**
- **Lesson 17: Applying Quality Control to Data**
- **Lesson 18: Explaining Master Data Management Concepts**

Prerequisites

CompTIA Data+ recommends 18 to 24 months of experience in a report/business analyst job role, exposure to databases and analytics tools, a basic understanding of statistics, and data visualization experience.

