

## CompTIA Data+

Duration: 5 Days Course Code: G017 Version: DA0-001

### Overview:

The CompTIA Data+ exam will certify the successful candidate has the knowledge and skills required to transform business requirements in support of data-driven decisions through mining and manipulating data, applying basic statistical methods, and analyzing complex datasets while adhering to governance and quality standards throughout the entire data life cycle. CompTIA Data+ is an early-career data analytics certification for professionals tasked with developing and promoting data-driven business decision-making. 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

### Target Audience:

Jobs that use CompTIA Data+ Data Analyst Clinical Analyst Reporting Analyst Marketing Analyst Business Data Analyst Operations

### 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
- **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
- **Data Analysis**
  - Gain the ability to apply the appropriate descriptive statistical methods and summarize types of analysis and critical analysis techniques

### Prerequisites:

- 18–24 months of experience in a report/ business analyst job role
- Exposure to databases and analytical tools
- Basic understanding of statistics
- Data visualization experience

### Testing and Certification

- **Number of Questions:** 90 questions
- **Type of Questions:** Multiple choice and performance-based
- **Length of Test:** 90 Minutes
- **Passing Score:** 675 (on scale of 100–900)
- **Recommended Experience:** CompTIA recommends 18–24 months of experience in a report/business analyst job role, exposure to databases and analytical tools, a basic understanding of statistics, and data visualization experience
- **Languages:** English
- **Retirement:** Usually three years after launch

## Content:

### Data Concepts and Environments - 15%

- Identify basic concepts of data schemas and dimensions
- Compare and contrast different data types
- Compare and contrast common data structures and file formats

### Data Mining - 25%

- Explain data acquisition concepts
- Identify common reasons for cleansing and profiling datasets
- Given a scenario, execute data manipulation techniques
- Explain common techniques for data manipulation and query optimization

### Data Analysis

- 23%

- Given a scenario, apply the appropriate descriptive statistical methods
- Explain the purpose of inferential statistical methods
- Summarize types of analysis and key analysis techniques
- Identify common data analytics tools

### Visualization - 23%

- Translate business requirements to form a report
- Use appropriate design components for reports and dashboards
- Use appropriate methods for dashboard development
- Apply the appropriate type of visualization
- Compare and contrast types of reports

### Data Governance, Quality, and Controls 14%

- Summarize important data governance concepts
- Given a scenario, apply data quality control concepts

Explain master data management (MDM) concepts

## Further Information:

For More information, or to book your course, please call us on 0800/84.009

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