

## Training: CompTIA CompTIA Data+ Prep Course



### TRAINING GOALS:

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

CompTIA Data+ Prep Course is an early-career data analytics training for professionals tasked with developing and promoting data-driven business decision-making and prepare for the CompTIA Data+ (DA0-001) certification exam.

*Each participant in an authorized training CompTIA Data+ Prep Course held in Compendium CE will receive a free DA0-001 CompTIA Data+ Certification Exam vouchers.*

#### Who Should Attend

- Data Analyst
- Clinical Analyst
- Reporting Analyst
- Marketing Analyst
- Business Data Analyst
- Operations Analyst
- Business Intelligence Analyst

### CONSPECT:

- Data Concepts and Environments
  - 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
  - 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
  - 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
  - Given a scenario, translate business requirements to form a report
  - Given a scenario, use appropriate design components for reports and dashboards
  - Given a scenario, use appropriate methods for dashboard development
  - Given a scenario, apply the appropriate type of visualization
  - Compare and contrast types of reports
- Data Governance, Quality, and Controls
  - Summarize important data governance concepts
  - Given a scenario, apply data quality control concepts
  - Explain master data management (MDM) concepts

## REQUIREMENTS:

Basic knowledge of computing and data concepts.

## Difficulty level



## CERTIFICATE:

The participants will obtain certificates signed by CompTIA (course completion). This course will help prepare you for the CompTIA Data+ certification exam, which is available through the Pearson VUE test centers.

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## TRAINER:

Authorized CompTIA Trainer.