CompTIA Data+

Course Duration: 5 Days
Exam Reference: DA0-001

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.

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.

Course Objectives

The learner will be able to understand & apply:

- 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 &profiling datasets, executing data manipulation, & understanding techniques for data manipulation
- Data Analysis-Gain the ability to apply the appropriate descriptive statistical methods & summarize types of analysis & 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

APPLIED TECHNOLOGY ACADEMY

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CompTIA Data+

Course Outline

Module 1: Identifying Basic Concepts of Data Schemas

Module 2: Understanding Different Data Systems

Module 3: Understanding Types and Characteristics of Data

Module 4: Comparing and Contrasting Different Data Structures, Formats, and Markup Languages

Module 5: Explaining Data Integration and Collection Methods

Module 6: Identifying Common Reasons for Cleansing and Profiling Data

Module 7: Executing Different Data Manipulation Techniques

Module 8: Explaining Common Techniques for Data Manipulation and Optimization

Module 9: Applying Descriptive Statistical Methods

Module 10: Describing Key Analysis Techniques

Module 11: Understanding the Use of Different Statistical Methods

Module 12: Using the Appropriate Type of Visualization

Module 13: Expressing Business Requirements in a Report Format

Module 14: Designing Components for Reports and Dashboards

Module 15: Distinguishing Different Report Types

Module 16: Summarizing the Importance of Data Governance

Module 17: Applying Quality Control to Data

Module 18: Explaining Master Data Management Concepts