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Learning Style: Virtual Classroom

Technology: CompTIA

Difficulty: Beginner

Course Duration: 5 Days

CompTIA Data+



About This Course:

This 5-day certification training course prepares you for the CompTIA Data+ certification exam (DA0-001). It’s ideal for aspiring data analysts, business professionals, or IT specialists looking to deepen their understanding of data analysis and data governance. You’ll gain hands-on data analytics experience across the entire data life cycle, from data mining and transformation to data visualization and reporting.

Course Objectives:

- Understand data concepts and environments, including types of data and common databases.
- Apply data mining techniques to identify patterns, trends, and relationships.
- Use basic statistical methods to analyze and interpret data.
- Transform business requirements into data-driven insights.
- Create and interpret data visualizations using industry-standard tools.
- Ensure data quality, integrity, and normalization practices.
- Comprehend data governance, compliance, and security standards.
- Communicate analytical findings effectively to stakeholders

Audience:

- Aspiring data analysts and reporting analysts
- Entry-level business intelligence (BI) professionals
- Individuals transitioning into data-focused roles
- Professionals working in data-driven departments (marketing, finance, operations, etc.)

Prerequisites:

- Basic understanding of data concepts and terminology
- Familiarity with Microsoft Excel or other spreadsheet tools

Course Outline:

- Identifying Basic Concepts of Data Schemas

- Understanding Different Data Systems
- Understanding Types and Characteristics of Data
- Comparing Data Structures, Formats, and Languages
- Data Integration and Collection
- Data Cleansing and Profiling
- Data Manipulation Techniques
- Data Optimization
- Descriptive Statistics
- Key Analytical Techniques
- Statistical Methods
- Data Visualization
- Business Reporting Requirements
- Designing Reports and Dashboards
- Deployment Considerations
- Data Governance
- Data Quality Control
- Master Data Management