

CompTIA Data+ (DA0-001)



Course Name	CompTIA Data+
Course Code	(DA0-001)
Course Duration	5 Days
Course Structure	Instructor-Led
Course Overview	<p>CompTIA Data+ is an early-career data analytics certification for professionals tasked with developing and promoting data-driven business decision-making. Data+ is an ideal certification for not only data-specific careers but other career paths outside of IT can also benefit from analytics processes and data analytics knowledge.</p> <p>CompTIA Data+ gives your team members 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, analysing, and reporting on data can drive your organization’s priorities and lead business decision-making.</p> <p>CompTIA Data+ is the only data analyst certification that covers baseline data analytics skills, assesses hands-on abilities and is vendor neutral. Vendor-neutral certifications provide analyst skills needed to perform various job roles regardless of the specific programs and tools being used. Compare this to vendor-specific certifications, which equip your team to work with just one platform (such as SAS, Tableau, or Microsoft).</p>
Audience Profile	<p>Anyone working in a role that analyses business-specific data, provides management with data analytics on business functions, or analyses and monitors dashboards, results and trends can benefit from becoming CompTIA Data+ certified. Its value extends well beyond the IT team to employees in finance, marketing, manufacturing, operations, sales and other departments tasked with data responsibilities.</p> <p>Individuals who are early career and career- transitioning individuals who may specialise in core business function, have hands-on experience with Data Analytics</p>

	software (e.g., PowerBI, Tableau) or those who want responsibility for using data to illustrate business operations or performance.
Course Prerequisites	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.
Course Outcome	<p>After completing this course, students will be able to:</p> <ul style="list-style-type: none"> • Identify basic concepts of data schemas and understand the difference between common data structures and file formats • Explain data acquisition concepts, reasons for cleansing and profiling, and techniques for data manipulation • Apply the appropriate descriptive statistical methods and summarize types of analysis • Translate business requirements to form the appropriate visualization • Summarize important data governance concepts and apply data quality control concepts
Assessment/Evaluation	<p>This course will prepare delegates to take the CompTIA Data+ (DA0-001).</p> <p>Successfully passing this exam will result in the attainment of the CompTIA Data (DA0-001) Certification and Certificate of Attendance issued by IT-IQ Botswana.</p>

Course Details	
Topic	<p>Topic 1: Identifying Basic Concepts of Data Schemas</p> <p>Topic 2: Understanding Different Data Systems</p> <p>Topic 3: Understanding Types and Characteristics of Data</p> <p>Topic 4: Comparing and Contrasting Different Data Structures, Formats, and Markup Languages</p> <p>Topic 5: Explaining Data Integration and Collection Methods</p> <p>Topic 6: Identifying Common Reasons for Cleansing and Profiling Data</p> <p>Topic 7: Executing Different Data Manipulation Techniques</p> <p>Topic 8: Explaining Common Techniques for Data Manipulation and Optimization</p> <p>Topic 9: Applying Descriptive Statistical Methods</p> <p>Topic 10: Describing Key Analysis Techniques</p> <p>Topic 11: Understanding the Use of Different Statistical Methods</p> <p>Topic 12: Using the Appropriate Type of Visualization</p> <p>Topic 13: Expressing Business Requirements in a Report Format</p> <p>Topic 14: Designing Components for Reports and Dashboards</p> <p>Topic 15: Distinguishing Different Report Types</p>

	<p>Topic 16: Summarizing the Importance of Data Governance</p> <p>Topic 17: Applying Quality Control to Data</p> <p>Topic 18: Explaining Master Data Management Concepts</p>
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