



Official CompTIA learning resources
for Instructor-Led Training:

CompTIA Data+

Official CompTIA learning resources for Instructor-Led Training are designed with the instructor in mind, providing insights and tools for successfully training learners pursuing their CompTIA Data+ certification.

OVERVIEW

The Official CompTIA Data+ Instructor and Student Guides (DA0-001) have been developed by CompTIA for the CompTIA Data+ candidate. Rigorously evaluated to validate coverage of the CompTIA Data+ (DA0-001) exam objectives, 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.

OFFICIAL LEARNING RESOURCES

- CompTIA CertMaster Learn
- CompTIA CertMaster Labs
- CompTIA CertMaster Learn integrated with CertMaster Labs
- CompTIA CertMaster Practice
- The Official CompTIA Instructor Guide / Student Guide
- The Official CompTIA Study Guide

NEW FEATURES

• Easily Implemented in Classroom Environments

The content and resources have been reworked to make them more flexible to suit a variety of classroom formats, whether there are 5 days or 16 weeks to teach the material, or something in between.

• Rigorously Evaluated to Ensure Adequate Coverage of Exam Objectives

CompTIA employs trusted third-party subject matter experts to review the content against the exam objectives and validate that an appropriate breadth and depth of coverage has been achieved. This process helps ensure that students using The Official CompTIA Data+ Guides are adequately prepared for the CompTIA Data+ certification exam. Additionally, icons at the beginning of each topic call out the specific exam objectives covered.

• Alignment and Consistency Across Book, Labs and Assessment

The book, labs, and assessment all work together with a similar approach and voice ensuring that instructors and students have a cohesive “single-sourced” solution for their Data+ courses. The presentation of course topics is supplemented with regular opportunities for hands-on labs, which are delivered via CertMaster Labs. Each lesson has exam-style multiple choice assessments, available via the CompTIA Learning Center. There is also a final assessment synthesizing concepts from all lessons.

• Engaging Video Program

Videos embedded within the lessons complement the instructional content by presenting real-world data analytics scenarios from experts’ experience. The videos help provide context of how the concepts learned in the course will be applied on-the-job.

• Robust Assessment

Practice questions for each lesson and a final assessment covering all Lessons, more than 250 questions in total, are available in the CompTIA Learning Center to help students practice and demonstrate what they have learned.

• Focused on Job Roles and Objectives

The Official CompTIA Guides are organized into lessons, and topics and align training to work in the real world. The Data+ course is built around job tasks and skills validated in the CompTIA Data+ certification. The CompTIA Data+ certification validates a candidate has 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.

ENHANCED LEARNING RESOURCES

The Official CompTIA Data+ Guides include the accompanying resources:

Comprehensive INSTRUCTOR resources ensure successful course delivery by providing:	Comprehensive STUDENT resources engage students by providing:
<ul style="list-style-type: none">• Course-specific delivery tips provide the instructor with additional insights to deliver the course successfully.• Facilitator notes in instructor guide• Solutions to activities and discussions• PowerPoint slides: A complete set of slides to facilitate the class including lists, tables, diagrams, illustrations, annotated screens and summaries.• Presentation Planners help plan and schedule courses based on different course lengths.• Solutions: Instructors have solutions to Activities and Discussion Questions embedded within the Instructor Guide. Resources include: table of contents, course setup changes, exam mapping guide, activities and more.	<ul style="list-style-type: none">• eBook: An interactive online version of the book, along with secure PDF and downloadable versions• Files: Any course files available to download• Videos: Brief videos that are organized by Lesson and Topic provide demonstrations of key activities and topics in the course. Videos can be shown in class to engage students or reviewed later to reinforce important topics.• Assessment: A series of different assessments for each lesson as well as an overall self-assessment• PowerPoint slides• Solutions to activities and discussions• Strengths and Weaknesses Dashboard: Students assessments results are aggregated in the Strengths and Weaknesses dashboard to provide an indicator of their overall performance in the course.

CERTMASTER LEARN OVERVIEW

CertMaster Learn is a comprehensive eLearning experience that helps learners gain the knowledge and practical skills necessary to be successful on CompTIA certification exams, and in their IT careers.

Instructional lessons are combined with videos, practice questions, and performance-based questions to provide hours of engaging and interactive content aligned with the CompTIA exam objectives. A Learning Plan helps learners stay on track with their studies, while robust analytics bring awareness of strengths and weaknesses.

When used in a classroom environment, CertMaster Learn empowers instructor and administrator success by providing easy-to-use course management tools, a comprehensive suite of instructor resources, and reporting and analytics options which make tracking individual student and group progress simple and efficient.

CERTMASTER LABS OVERVIEW

Graded Hands-on Practice with CertMaster Labs

CompTIA CertMaster Labs for Data+ (DA0-001) enable hands-on practice and skills development using real equipment and software accessed through a remote, browser-based lab environment. Aligned with Official CompTIA courseware and the CompTIA Data+ (DA0-001) exam objectives, CertMaster Labs make it easy for learners to practice and apply their skills in real workplace scenarios in preparation for the certification exam. All lab activities include gradable assessments, offer feedback and hints, and provide a score based on learner inputs, ultimately guiding learners to the most correct and efficient path through job tasks and, in a classroom environment, providing instructors with meaningful insight into student performance.

New Features:

Graded Labs

All lab activities within the Data+ course include gradable assessments, offer feedback and hints, and provide a score based on learner inputs, providing an accurate assessment of a learner's ability to correctly and efficiently perform tasks.

There are two types of labs in the course:

- Assisted Labs guide the learner step-by-step through tasks, offering assessment and feedback throughout a 10-15 minute experience, allowing the learner to correct any misunderstandings as they proceed through the activity.
- Applied Labs present a series of goal-oriented scenarios in a 20-30 minute experience covering multiple topics, scoring the learners work at the end of the activity based on their ability to successfully complete each scenario. As a result, learners are forced to think critically about how to approach problems without a prescribed set of steps.

Easily Implemented in Classroom Environments

The labs within the Data+ course are modular (not dependent on each other) and can be completed in any order. Additionally, learners can save their work in the labs for 48 hours. This flexibility along with the short durations of 10-30 minutes allow for labs to be easily integrated in coursework.

Integrated with CertMaster Learn

When integrated with CertMaster Learn, CertMaster Labs are displayed as Study Tasks within the CertMaster Learn Learning Plan. As a result, learners experience both knowledge acquisition and hands-on skills attainment through a single login and seamless workflow. Additionally, organizations who purchase the integrated course will be able to review student and group lab scores in the CertMaster Learn Boost Dashboard and hold students accountable for lab work.

EXAM PREP OPTION

CompTIA CertMaster Practice is an online knowledge assessment and training companion tool to help learners prepare for the CompTIA Data+ certification exam. Featuring an adaptive question-first design, CertMaster Practice quickly assesses what learners already know and what they still need to learn. For those topics where a learner needs more support, CertMaster Practice provides personalized remediation and feedback. Once learners are ready, they can demonstrate their knowledge on a timed practice test complete with performance-based questions.

COURSE OVERVIEW

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 your organization's priorities and lead business decision-making.

CompTIA Data+ validates your team members 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

The Data+ exam covers five major domains:

- Data Concepts and Environments (15%)
- Data Mining (25%)
- Data Analysis (23%)
- Visualization (23%)
- Data Governance, Quality, & Controls (14%)

COURSE OUTLINE

To view the course outline for Data+ (DA0-001) visit:

<https://s.comptia.org/3rPCB7p>

JOB ROLES

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

