

training code: DataX / e-learning / EN

CompTIA DataX DY0-001 eLearning Bundle

CompTIA DataX

EXAM CODE DY0-001

CompTIA DataX is the premier skills development program for highly experienced professionals seeking to validate competency in the rapidly evolving field of data science.

DataX provides a framework for knowledge acquisition and solidifies a comprehensive understanding of critical data tools and concepts, empowering individuals to advance their careers.

Stack the odds in your favor with a bundle

Set yourself up for success and save money with a comprehensive training package. Plus, you'll feel confident taking the exam thanks to a bonus exam retake voucher, only available with a bundle.



Purpose of the training

Jobs You Can Land With CompTIA DataX

- Data Scientist



Benefits of completing the training

What Skills Will You Learn?

- Mathematics and Statistics

Apply mathematical and statistical methods appropriately and understand the importance of data

processing and cleaning, statistical modelling, linear algebra, and calculus concepts.

- Modeling, Analysis and Outcomes

Utilize appropriate analysis and modeling methods and make justified model recommendations.

- Machine Learning

Apply machine learning models and understand deep learning concepts.

- Operations and Processes

Understand and implement data science operations and processes.

- Specialized Applications of Data Science

Demonstrate understanding of industry trends and specialized data science applications.



Examination method

What is an Exam Voucher?

A CompTIA exam voucher is a unique code that will enable you to take your exam at an authorized CompTia Test Service Provider. Exam vouchers are used similar to a gift card. For example, employers often use vouchers to pay for their employees' exam or parents may purchase vouchers for their children.

Exam Voucher Details

- Vouchers are non-refundable and non-returnable.
- One voucher is applicable towards one exam at an authorized CompTIA Test Service Provider.
- All vouchers, including any retakes, are valid for 12 months from the date of purchase unless otherwise noted.
- You must register and take your exam prior to the voucher expiration date.
- Voucher expiration dates cannot be extended under any circumstances.
- Certification exam retirement dates supersede voucher expiration dates. CompTIA may retire certifications and corresponding exams prior to voucher expiration dates.
- Visit the CompTIA website for certification exam information, including exam launch and retirement dates.
- Vouchers are country and currency restricted.
- CompTIA and the participating test providers are not responsible for lost or stolen vouchers.
- Vouchers cannot be redeemed for cash or credit.
- CompTIA vouchers may not be resold.

Exam Retake Details

- For voucher purchases that include a retake, if you fail the exam on your first attempt use the same voucher to register and retake the exam.
- All vouchers, including any retakes, expire 12 months from the date of purchase, unless otherwise noted.
- The retake is only valid for the same exam version that you failed. You cannot use the retake for a different version of the exam.

Additional Order Information

- Order information will be emailed within 3 – 4 hours from purchase.
- You will receive two emails. The first email will be your order confirmation and the second email will include your exam voucher, the voucher expiration date and voucher terms and conditions. Check your spam, junk and promotional folders.



Exam description

Exam Codes: DY0-001

Launch Date: Mid 2024

Exam Description: CompTIA DataX is the premier certification for highly experienced professionals seeking to validate competency in the rapidly evolving field of data science.

Number of Questions: Maximum of 90 questions

Type of Questions: Multiple choice and performance-based

Length of Test: 165 Minutes

Passing Score: Pass/Fail only (no scaled score)

Recommended Experience: 5+ years of experience in data science or a similar role is recommended.

Languages: English

Retirement: Usually three years after launch

Testing Provider: Pearson VUE



Expected Listener Preparation

The new CompTIA DataX certification exam is a professional certification designed for those with 5+ years of experience in:

- data science,
- computer science,
- or a similar role.



Training Language

Language: English

Materials: English

Training Includes

What's included:

- Exam Voucher + Retake
- CertMaster Learn Perform
- Access keys must be redeemed within 12 months of purchase
- This is single user license and may not be shared

Duration

1 days / 1 hours

Training agenda

What is CertMaster Perform?

CertMaster Perform brings together narrative instructional content, videos, performance-based questions (PBQs), skills assessments, live labs and more to offer a learning experience to prepare you for your CompTIA certification exam, validating your expertise in the field of data science. As a data scientist with five or more years of experience, this course recognizes that you don't need to start from the beginning. Instead, the course is designed to help you identify knowledge gaps and then provide you with learning content to get you up to speed on expert-level topics. Instruction is centered around a learning progression model to help you learn concepts and actively build skills related to the course objectives. This learning methodology uses a series of steps to contextualize the material, elaborate on areas where additional instruction is needed, and provide relevance through practice and customized feedback.

- Includes lab activities in live environments for hands-on practice
- Uses technologies such as Jupyter Notebooks, SQL, R, and Python
- Videos are integrated into the text to provide instruction and illustration at the point where it's the most relevant

Topics Covered

- Illustrating the Data Science Lifecycle
- Analyzing Business Problem
- Collecting Data
- Cleaning and Preparing Data
- Describing Data Features
- Exploring Data

- Navigating the Model Selection Process
- Employing Machine Learning Methods
- Experimenting with Deep Learning
- Evaluating and Refining Data Models
- Communicating for Business Impact
- Deploying Data Models
- Discovering Specialized Data Science Applications

License Information

- One CompTIA CertMaster Perform DataX DY0-001 license
- Once activated, CertMaster Perform DataX DY0-001 is valid for 12 months
- Access key must be redeemed within 12 months of purchase

How to Access CertMaster Perform

An access key and instructions will be sent via email after your purchase is complete.