

DA0-002 Data Analyst Certification Prep 2026

CompTIA DA0-002 Data Analytics+ 2026. Statistics, data cleaning, visualization, and automation tools.

IT Certifications Instructor: Brian Taylor • 5 sections • 46 lessons • 15.00h total

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About this course

Preparing for the CompTIA Data Analytics+ DA0-002 exam can feel overwhelming with so many topics to cover. This course cuts through the noise by focusing on verified, up-to-date practice questions that mirror the format and difficulty of the actual test.

We will walk you through detailed explanations for each question, covering data concepts and statistics, data gathering and cleaning, data analysis and visualization, and data tools and automation. You will get hands-on with practical scenarios, downloadable study guides, and test-taking strategies.

Course curriculum

Foundations and Exam Strategy

- **Understanding the DA0-002 Exam Structure (12m)**
Break down the exam domains, question types, and scoring to know exactly what to expect on test day.
- **How to Use Verified Dumps Effectively (8m)**
Learn a step-by-step method for practicing with verified questions without memorizing answers.
- **Key Data Analytics Terminology (18m)**
Review essential terms and definitions that frequently appear in DA0-002 questions.
- **Setting Up Your Study Environment (7m)**
Practical tips for organizing your study materials and scheduling practice sessions.
- **Time Management for the DA0-002 (15m)**
Strategies for pacing yourself through 90 minutes and 90 questions effectively.
- **Common Pitfalls to Avoid (11m)**
Real case examples of how candidates misread questions and how to avoid it.
- **Downloadable Study Plan Template (9m)**
Get a customizable weekly schedule to cover all DA0-002 domains before your exam date.

Core Concepts: Data and Statistics

- **Solving Data Concepts Questions (22m)**
Walk through verified questions on data types, structures, and governance.
- **Statistics Fundamentals for DA0-002 (28m)**
Tackle practice problems on descriptive statistics, probability, and hypothesis testing.
- **Data Quality and Integrity (16m)**
Verified scenarios on identifying and resolving data quality issues.
- **Data Privacy and Ethics Questions (14m)**
Understand how GDPR, PII, and ethical considerations appear in exam questions.
- **Data Storytelling Basics (12m)**
Practice questions that test your ability to interpret and communicate data findings.
- **Big Data Concepts Explained (19m)**
Verified questions on distributed computing, Hadoop, and cloud data storage.
- **Data Warehousing and ETL (21m)**
Step-by-step analysis of ETL processes and warehouse architecture questions.
- **Relational Databases and SQL (25m)**
Practice SQL queries and database concepts that are core to the DA0-002.
- **NoSQL and Unstructured Data (17m)**
Verified questions comparing NoSQL databases and handling unstructured data.

Data Gathering and Cleaning

- **Data Acquisition Methods (15m)**
Practice questions on APIs, web scraping, and data import techniques.
- **Data Cleaning Techniques (24m)**
Verified scenarios for handling missing values, outliers, and duplicates.
- **Data Transformation and Wrangling (20m)**
Step-by-step guide to solving questions on pivoting, merging, and reshaping data.
- **Using Excel for Data Prep (18m)**
Real case studies on Excel functions and Power Query for DA0-002 tasks.
- **Python for Data Cleaning (30m)**
Verified questions and code walkthroughs for pandas and NumPy.
- **R for Data Manipulation (26m)**
Practice problems using dplyr and tidyr for data cleaning.
- **Data Validation and Sampling (13m)**
Verified questions on ensuring data accuracy and proper sampling methods.
- **Handling Large Datasets (22m)**
Strategies for solving performance-related data prep questions.

Data Analysis and Visualization

- **Exploratory Data Analysis (EDA) (27m)**
Verified questions on summary statistics and visualizing distributions.
- **Choosing the Right Chart Type (19m)**
Real case analysis of when to use bar, line, scatter, or histogram charts.
- **Building Dashboards in Power BI (32m)**
Step-by-step walkthrough of Power BI questions and dashboard design.
- **Tableau for Data Visualization (29m)**
Practice Tableau-specific questions on calculated fields and filters.
- **Statistical Testing in Analysis (23m)**
Verified scenarios for t-tests, ANOVA, and chi-square tests.
- **Regression Analysis Questions (21m)**
How to interpret and solve linear and logistic regression problems.
- **Correlation vs. Causation (14m)**
Critical thinking exercises to avoid common exam traps.
- **KPI and Metric Definition (16m)**
Verified questions on setting and measuring business metrics.
- **Data Storytelling with Visuals (18m)**
Practice crafting narratives from data visualizations.
- **Troubleshooting Visualization Issues (12m)**
Real case fixes for misleading charts and data misrepresentation.

Tools, Automation, and Next Steps

- **SQL for Advanced Analysis (31m)**
Complex join and subquery questions with detailed explanations.
- **Python for Data Analysis (33m)**
Verified questions on dataframes, grouping, and merging in Python.
- **R for Statistical Analysis (28m)**
Practice advanced R functions and statistical packages.
- **Data Automation Tools (20m)**
Verified questions on scheduling, scripting, and automation best practices.
- **Version Control for Analysts (15m)**
Git and GitHub scenarios that appear in the DA0-002 exam.
- **Cloud Data Platforms (24m)**
AWS, Azure, and GCP questions explained step by step.
- **Machine Learning Basics for Analysts (26m)**
Verified questions on supervised vs. unsupervised learning concepts.
- **Capstone Practice Exam (38m)**
Full-length timed practice test with verified answers and scoring guide.
- **Reviewing Your Weak Areas (11m)**
How to analyze your practice results and target specific domains.
- **Final Exam Day Checklist (9m)**
Downloadable checklist for what to bring and how to prepare the night before.
- **What to Do After DA0-002 (13m)**
Career paths, continuing education, and certification renewal advice.
- **Bonus: 10 Extra Verified Questions (16m)**
Additional practice questions with detailed explanations for extra confidence.

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