APPLIED TECHNOLOGY ACADEMY

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# CompTIA DataAI Training

**CompTIA Authorized Training · Applied Technology Academy**

CompTIA DataAI (formerly DataX) is the premier skills development program for highly experienced professionals seeking to validate competency in the rapidly evolving field of data science. It confirms your advanced-level knowledge and ensures you have the core skills necessary to manipulate data and extract meaning and generate actionable insights.

| LEVEL | DURATION | EXPERIENCE | AVERAGE SALARY | LABS |
|---|---|---|---|---|
| **Intermediate** | **5 Days** | **5+ years: Data science** | **$108,020** | **Yes** |

## Course Overview

DataAI provides a framework for knowledge acquisition and solidifies a comprehensive understanding of critical data tools and concepts, empowering individuals to advance their careers. The course covers a wide range of topics, including mathematics and statistics, machine learning, operations and processes, and specialized applications of data science. It ensures you have a holistic understanding of the field and are well-equipped to handle diverse data science tasks and challenges.

DataAI is more than just a certification, it is a testament to your commitment to excellence in the field of data science. It validates your technical skills and demonstrates your expertise in handling complex data sets, implementing data-driven solutions and driving business growth through insightful data interpretation.

CompTIA DataAI solidifies your comprehensive understanding of critical data tools and concepts. The certification exam will certify that the successful candidate has the knowledge and skills required to:

Understand and implement data science operations and processes.

Apply mathematical and statistical methods appropriately and understand the importance of data processing and cleaning, statistical modeling, linear algebra and calculus concepts.

- Apply machine-learning models and understand deep-learning concepts.
- Utilize appropriate analysis and modeling methods and make justified model recommendations.
- Demonstrate understanding of industry trends and specialized data science applications.

## Course Outline

- **Lesson 1: Mathematics and Statistics**
- **Lesson 2: Modeling, Analysis, and Outcomes**
- **Lesson 3: Machine Learning**
- **Lesson 4: Operations and Processes**
- **Lesson 5: Specialized Applications of Data Science**

## Intended Audience

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

## Prerequisites

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

**Ready to enroll?** Call 800.674.3550 or email Info@AppliedTechAc.com — private team cohorts, GSA MAS purchasing, military credentialing funding, VA GI Bill and VR&E and student financing available.