

## Training: CompTIA CompTIA DataSys+ Prep Course



### TRAINING TERMS

2025-10-20 | 5 days | Kraków / Virtual Classroom  
2025-11-17 | 5 days | Warszawa / Virtual Classroom

### TRAINING GOALS:

CompTIA DataSys+ is a foundational level data management certification that focuses on the logistics of data administration and security.

The CompTIA DataSys+ sets a unified standard of skills for the successful management and securing of data assets. It covers what database administrators need to deploy, manage, and maintain high-availability systems, including employing the fundamentals of scripting and programming in a relational database environment while using security and business continuity best-practices.

#### What Skills Will You Learn?

- **Database Fundamentals** - Understand database structure types while developing, modifying and running structured query language (SQL) code, providing the groundwork to gather, store, and drive data assets on any operating system.
- **Database Deployment** - Compare and contrast the different aspects of database design and planning and explain the various phases of the implementation, testing, deployment and optimization of collected data.
- **Database Management and Maintenance** - Learn the purpose of monitoring and reporting database performance, explain common database maintenance processes, and produce critical documentation.
- **Data and Database Security** - Secure databases, protect against attacks, and control authorization while ensuring governance and regulatory compliance.
- **Business Continuity** - Prepare for and recover from incidents by implementing best practices for disaster recovery, backup and restoration of database management systems.

*Each participant in an authorized training CompTIA DataSys+ Prep Course held in Compendium CE will receive a free DS0-001CompTIA DataSys+ Certification Exam vouchers.*

### CONSPECT:

- Database Fundamentals
  - Compare and contrast database structure types.

- Given a scenario, develop, modify, and run SQL code.
- Compare and contrast scripting methods and scripting environments.
- Explain the impact of programming on database operations.
- Database Deployment
  - Compare and contrast aspects of database planning and design.
  - Explain database implementation, testing, and deployment phases.
- Database Management and Maintenance
  - Explain the purpose of monitoring and reporting for database management and performance.
  - Explain common database maintenance processes.
  - Given a scenario, produce documentation and use relevant tools.
  - Given a scenario, implement data management tasks.
- Data and Database Security
  - Explain data security concepts.
  - Explain the purpose of governance and regulatory compliance.
  - Given a scenario, implement policies and best practices related to authentication and authorization.
  - Explain the purpose of database infrastructure security.
  - Describe types of attacks and their effects on data systems.
- Business Continuity
  - Explain the importance of disaster recovery and relevant techniques.
  - Explain backup and restore best practices and processes.

## REQUIREMENTS:

Minimum of 2-3 years of hands-on experience as a database administrator.

## Difficulty level



## CERTIFICATE:

The participants will obtain certificates signed by CompTIA (course completion). This course will help prepare you for the CompTIA DataSys+ certification exam, which is available through the Pearson VUE test centers.

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## TRAINER:

Authorized CompTIA Trainer.