# CompTIA Data+ Training

Duration: **5 Day**

BILGINC IT Academy
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## Overview

CompTIA's Data+ Certification is an early-career data analytics certification for professionals tasked with developing and promoting data-driven business decision-making.

The exam will certify the successful candidate has the knowledge and skills required to transform business requirements in support of data-driven decisions by:

- Mining data
- Manipulating data
- Applying basic statistical methods
- Analyzing complex datasets while adhering to governance and quality standards throughout the entire data life cycle

## Prerequisites

- To ensure your success in this course, you should have 18–24 months of hands-on experience working in a business intelligence, report/data analyst job role.
- You should have a working knowledge of Microsoft Excel or a spreadsheet program.
- You should understand how to build basic math calculations, like add, subtract, divide, and multiply (basic arithmetic).
- You should know how to build basic functions like Sums, Average, and Count.
- You should understand the basics of sorting and filtering data sets in Excel or a similar spreadsheet program.
- You should have a working knowledge of how to build very basic pivot tables.
- You should have some understanding of databases and all knowledge toward understanding how databases designed will be helpful.
- You should have a basic understanding of how to build simple charts in using data.

**Target Audience**

Professionals tasked with developing and promoting data-driven business decision-making.

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## What You Will Learn

This course can benefit you in two ways. If you intend to pass the CompTIA Data+(Exam DA0-001) certification examination, this course can be a significant part of your preparation. But certification is not the only key to professional success in the field of data analysis. Today's job market demands individuals with demonstrable skills, and the information and activities in this course can help you build your data skill set so that you can confidently perform your duties in any entry-level data analysis role.

On course completion, you will be able to do the following:

- Identify basic concepts of data schemas
- Understand different data systems
- Understand types and characteristics of data
- Compare and contrast different data structures, formats, and markup languages
- Explain data integration and collection methods
- Identify common reasons for cleansing and profiling data
- Execute different data manipulation techniques
- Explain common techniques for data manipulation and optimization
- Apply descriptive statistical methods
- Describe key analysis techniques
- Understand the use of different statistical methods
- Use the appropriate type of visualization
- Express business requirements in a report format
- Design components for reports and dashboards
- Distinguish different report types
- Summarize the importance of data governance
- Apply quality control to data
- Explain master data management concepts
- Identify common data analytics tools