Intellectual Point
EXCELLENCE THROUGH EDUCATION

CompTIA Data+ Training Course

CompTIA Data+ is a certification that validates foundational data analytics skills, enabling professionals to turn data into actionable insights.

DATA-100

Course Outcomes

Professional, practical, & hands-on live instructor-led training

Start as a beginner and graduate as a certified professional, with the skills, experience, and job-search know how to get your career started.

🚀 Start Today

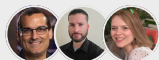### Potential Career Tracks

Data Analyst   Business Analyst

Reporting Analyst   Data Technician

Data Visualization Specialist   Data Quality Analyst

Taught by Industry Veterans &
World Class Instructors

Introduction to CompTIA Data+ ⌄

▶ Course Overview

The CompTIA Data+ Training Course at Intellectual Point is meticulously structured to furnish you with the essential data analytics skills imperative for entry to mid-level data roles. This program prepares you for the CompTIA Data+ certification exam while providing practical instruction in data environments, aiding in effective data analysis and interpretation. You will learn to apply mathematical and statistical methods, enhance data storytelling with visualizations, and grasp data governance and quality standards. The course also emphasizes hands-on exercises that mirror real-world scenarios, ensuring you build competence that transcends theoretical knowledge.

Throughout the training, participants will delve into data mining, data manipulation, and use advanced tools to foster insightful data-driven decisions. You will also learn to assess data environments and apply critical data visualization techniques to interpret complex datasets successfully. By the end of the program, you'll be equipped to efficiently manage data governance frameworks and apply practical solutions to business challenges.

⚡ Obtainable Skills

Data Analysis Techniques   Statistical Methods   Data Visualization   Data Mining

Service Strategy Planning   Service Design Approaches   Service Operation Management

ITIL Compliance Implementation   Certification Exam Preparation

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Course Insights ⌄

👤 Audience Profile

This course targets professionals from various backgrounds who are keen to develop or advance their data analytics skills. Individuals in roles such as business analysts, reporting specialists, and IT professionals who possess basic numerical or statistical proficiency stand to benefit significantly. Beginner to intermediate-level professionals who wish to formalize their data skills into a recognized credential will find this course particularly useful. It's ideal for career changers and data enthusiasts aiming to understand fundamental data analysis and visualization techniques within a business context.

📚 Course Outcomes
By the end of this course, participants will:

1. Develop a solid understanding of the ITIL framework and its application.
2. Identify and analyze the key concepts of IT service management practices.
3. Enhance service management skills with ITIL-based strategies.
4. Prepare comprehensively for the ITIL Foundation certification exam.
5. Implement ITIL practices to improve service quality and efficiency in your organization.

Module by Module Learning *Outline*

Module 1: Introduction to Data Analytics

Learning Objectives:

- Understand the basic concepts and importance of data analytics.
- Explore the roles and responsibilities in a datadriven environment.

Topics Covered

Overview of Data Analytics:

- Definition and significance in modern business.
- Key components and stages of the data lifecycle.

Data Analytics Roles:

- Different datarelated job titles and their functions.
- Strategies for transitioning into data analytics roles.

Module 2: Data Environments and Management

Learning Objectives:

- Identify various data environments and their applications.
- Learn effective data management techniques.

Topics Covered

Introduction to Data Environments:

- Types of data environments (e.g., databases, data warehouses).
- Tools and technologies used in different environments.

Data Management Practices

- Best practices for data collection and storage.
- Ensuring data integrity and security.

Module 3: Statistical Methods for Data Analysis

Learning Objectives:

- Apply statistical techniques for analyzing data sets.
- Gain insights from data using statistical methods.

Topics Covered

Basic Statistical Concepts:

- Mean, median, mode, and standard deviation.
- Introduction to probability and distribution.

Advanced Statistical Techniques:

- Hypothesis testing and regression analysis.
- Use of statistical software tools.

Module 4: Data Manipulation and Mining

Learning Objectives:

- Learn methods for manipulating and mining data.
- Discover insights from complex data sets.

Topics Covered

Data Manipulation Techniques:

- Cleaning and transforming data for analysis.
- Use of tools like SQL and Python for data manipulation.

Data Mining Processes:

- Identifying patterns and trends in data.
- Leveraging machine learning for advanced data mining.

Module 5: Data Visualization and Storytelling

Learning Objectives:

- Develop skills in creating impactful data visualizations.
- Enhance data storytelling to support decisionmaking.

Topics Covered

Fundamentals of Data Visualization:

- Principles of effective visual communication.
- Choosing the right visualization for your data.

Tools for Data Storytelling:

- Using software like Tableau and PowerBI.
- Crafting narratives to convey data insights.

Module 6: Certification Preparation and Practical Application

Learning Objectives:

- Prepare effectively for the CompTIA Data+ certification exam.
- Apply learned skills to realworld business challenges.

Topics Covered

Exam Preparation Strategies:

- Understanding the exam format and key topics.
- Practice exams and effective study techniques.

HandsOn Lab Exercises:

- Realworld data scenarios and case studies.
- Application of analytical skills in business contexts.