

## Role-Based Training Solutions: Data and Analytics

To help professionals learn on-the-job skills that will propel your business forward, Dell Technologies has compiled a list of our recommended training courses for job roles surrounding Data and Analytics.

### Business Intelligence Developer (BI Developer)

The Business Intelligence Developer is responsible for aggregating data from multiple sources in an efficient data warehouse and designing enterprise-level solutions for very large multidimensional databases. Additional responsibilities may include: designing and planning BI solutions; debugging, monitoring, and troubleshooting BI solutions; creating and deploying reports; and writing database queries.

#### Recommended Training for BI Developers

[55123 Writing Reports with Report Builder and SSRS Level 55232 Writing Analytical Queries for Business Intelligence Crystal Reports 2016 - Part 1](#)  
[Crystal Reports 2016 - Part 2](#)

### Data Scientist

Data Scientists typically have a bachelor's degree in statistics, math, computer science, or economics and utilize their analytical, statistical, and programming skills to collect, analyze, and interpret large data sets to develop data-driven solutions.

#### Recommended Training for Data Scientists

##### Amazon Web Services (AWS)

[Practical Data Science with Amazon SageMaker](#)

##### Microsoft Azure

[DP-100T01 Designing and Implementing a Data Science Solution on Azure](#)

##### Python

[Python With Data Science](#)

##### R Programming

[Introduction to R Programming](#)

### Database Developer

Database Developers are responsible for data gathering before development of a database. They design, develop, test, implement and maintain new and existing databases. Database developers create management methods and systems to access efficiently to information stored in databases.

#### Recommended Training for Database Developers

##### Amazon Web Services (AWS)

[Planning and Designing Databases on AWS](#)

##### Microsoft

[DP-080T00 Querying Data with Microsoft Transact-SQL](#)

### Data Analyst

A Data Analyst collects and stores data on sales numbers, market research, logistics, linguistics, or other behaviors. They bring technical expertise to ensure the quality and accuracy of that data, then process, design, and present it in ways to help organizations make better business decisions.

Recommended Training for Data Analysts

##### Amazon Web Services (AWS)

[Big Data on AWS](#)

##### Cloudera

[Cloudera Data Analyst Training](#)

##### Microsoft Power Platform

[PL-100T00 Microsoft Power Platform App Maker](#)

[PL-300T00 Microsoft PowerBI Data Analyst](#)

[PL-200T00 Microsoft Power Platform Functional Consultant](#)

##### Tableau

[Tableau Desktop I: Fundamentals](#)

[Tableau Desktop I & II: Accelerated](#)

[Tableau Desktop II: intermediate](#)

### Database Administrator (DBA)

A Database Administrator (DBA) will keep the database up and running smoothly 24/7. The goal is to provide a seamless flow of information throughout the company, considering both back-end data structure and front-end accessibility for end-users.

#### Recommended Training for Database Administrators

##### Amazon Web Services (AWS)

[Planning and Designing Databases on AWS](#)

##### Microsoft Azure

[DP-300T00 Administering Microsoft Azure SQL Solutions](#)

##### Oracle

[Oracle Database 12c - PL/SQL Fundamentals](#)

[Oracle Database 19c: New Features for Administrators Ed 1](#)