

# Big Data Overview

eLearning (H5v) | Average Duration: 1 Hour | Course Number: NWV\_109



Wireless, Wireline and Cable service providers are on the cusp of a multitude of network and business transformation choices. A good conceptual understanding of the new networking and Wireless, Wireline and Cable service provider business paradigms is essential for professionals in the communication industry. This course provides a high level view of the impact and benefits of Big Data, the vision and opportunities created by future provider networks, as well as a number of examples of how Big Data could be used to provide services in a transformed network.

## Intended Audience

The course is intended for all that are interested in understanding what Big Data is and how it will transform the Wireless, Wireline and Cable service provider networks over the next few years.

## Learning Objectives

After completing this course, the student will be able to:

- Describe the concept of Big Data
- Illustrate the Big Data architecture and key protocols
- Describe a possible use case for Big Data

## Course Outline

1. What is Big Data?
2. Big Data Technology
3. Hadoop Procedure
4. Hadoop Modules
5. Insights
6. Data Visualization
7. Visualization Examples
8. Big Data Examples
9. End of Course Assessment