**Big Data vs. Data Science | Which technology is going to boom in Next five years?**

The topic of data science versus big data analytics has been gaining traction, with both fields showing promising growth trends in the industry. It is evident that both data science and big data analytics hold great potential and can be pursued for a thriving career. Big data encompasses vast amounts of structured and unstructured information, but unlocking its underlying value requires additional steps and processes. [**Join big data online training for beginners**](https://www.h2kinfosys.com/courses/hadoop-bigdata-online-training-course-details) to know how big data works. Next comes data science, but know that big data and data science are distinct yet complementary.

[](https://www.h2kinfosys.com/courses/hadoop-bigdata-online-training-course-details)

**Data science:**

Data science is the study of data with the goal of discovering crucial business insights. It is a multidisciplinary method for analyzing vast amounts of data that incorporates computer engineering, artificial intelligence, statistics, and math. This field helps answer fundamental questions and is used to draw conclusions and information from various types of data, including unstructured, structured, and semi-structured data. Data science procedures such as data analysis, cleaning, and preparation.

**Big data:**

On the other hand, big data refers to the vast volumes of data that are too large and complex to be handled efficiently by traditional data processing software. Volume, variety, and velocity can be used to shortly describe big data. It presents an opportunity to solve business issues that were previously impossible to tackle. Learn about raw, non-aggregated data processing in big data that exceeds the capacity of a single computer's memory in [**online big data courses**](https://www.h2kinfosys.com/courses/hadoop-bigdata-online-training-course-details).

**Data science and big data:**

Data science and big data are not mutually exclusive; they have a key relationship. Data science utilizes various methods to handle and analyze data, while big data represents the vast amounts of data that pose challenges for traditional processing applications. Insights gained from online big data courses are used to make informed decisions and guide business strategies.

**Application Areas:**

**Data Science:**

Search engines use data science techniques to provide relevant search results quickly.

Digital marketing employs data science algorithms in various forms of advertising, leading to higher click-through rates for digital ads.

Recommender systems improve user experience by suggesting suitable products based on prior search results.

**Big Data:**

Financial services, including retail banks and insurance companies, utilize big data for customer analytics, fraud detection, and compliance monitoring.

Telecommunications service providers leverage big data to expand their subscriber bases and improve customer experience.

Understanding customers better through online big data certification helps businesses remain competitive by tailoring products and services to specific needs.

**Similarities between big data and data science:**

Data science and big data share a common foundation in working with data. Data scientists are essential in managing vast amounts of unstructured data, which is typical in big data scenarios. The lines between the two fields have blurred due to modern big data platforms incorporating data analytical engines and machine learning algorithms. Learn about data science tools offered by big data platforms in an online big data training course.

**Big Data/Hadoop Course from H2K Infosys**

Our extensive 40+ hours of Big Data/Hadoop course cover both basic and advanced topics to help you become an expert Hadoop Professional.

By attending our Big Data/Hadoop online course, you will understand the core concepts of Big Data and Hadoop, and will be proficient in Hadoop Distributed File System (HDFS), MapReduce, Pig, Hive, HBase, SQOOP, and Flume.

We provide you with assignments, training material and recorded videos for a complete learning experience.

Our Instructors are working professionals who give you real world knowledge and examples, and are the best in their field.

**Choosing between data science and big data:**

Data science and big data complement each other, making them highly sought-after skills in various industries. Both offer numerous job opportunities, given the high demand for professionals skilled in data science methods and data mining. Big data analysts are increasingly in demand as businesses seek to extract valuable insights from large datasets to enhance their operations.

Data scientists evaluate data and create statistical models, while big data analysts are responsible for providing the data to data scientists. The salary range for both roles is similar, with a slightly higher demand for data analysts. As big data analytics becomes a trend of the future, those interested in analyzing large datasets should complete online big data courses. For individuals passionate about developing statistical methods, a career in data science may be more suitable.

**Final thoughts:**

Now that you have an idea about both data science and big data, you must be one step closer to choosing one. Taking online big data courses for [**big data and data science**](https://www.h2kinfosys.com/) will help you become a top data analyst in the market. Take online certification courses for big data and data science and make yourself employable as a big data analyst or a data science engineer.

Tags: Big Data Hadoop Online Training, Big Data Hadoop at H2k infosys, Big Data Hadoop, big data analysis courses, online big data courses, Big Data Hadoop Online Training and 100% job guarantee courses, H2K Infosys, Big Data Fundamentals, Hadoop Architecture, HDFS Setup and Configuration, Programming,Management,HBase Database, Hive Data Warehousing, Pig Scripting, Apache Spark, Kafka Streaming, Data Ingestion and Processing, Data Transformation

#BigDataHadoop #BigDataHadoopCourseOnline #BigDataHadoopTraining #BigDataHadoopCourse, #H2KInfosys, #ClusterComputing, #RealTimeProcessing, #MachineLearning, #AI, #DataScience, #CloudComputing#BigDataAnalytics, #DataEngineering

**Contact:**  +1-770-777-1269

**Mail**: [training@h2kinfosys.com](mailto:training@h2kinfosys.com)

Location:Atlanta, GA - USA, 5450 McGinnis Village Place, # 103 Alpharetta, GA 30005, USA.

**Facebook**: <https://www.facebook.com/H2KInfosysLLC>

**Instagram**: <https://www.instagram.com/h2kinfosysllc/>

**Youtube:** <https://www.youtube.com/watch?v=BxIG2VoC70c>

**Visit**:<https://www.h2kinfosys.com/courses/hadoop-bigdata-online-training-course-details>

**BigData Hadoop Course**: [bit.ly/3KJClRy](https://www.h2kinfosys.com/courses/hadoop-bigdata-online-training-course-details)