1.Explain Hadoop in layman’s term

Hadoop is an open source, java based programming framework which is used to processing large amount of data set on distributed environment.

It is based on Google File System.

It gives high reliable and scalable environment.

It runs multiple number of application on distributed environment.

It has two major components for storage and analysis.

1.HDFS

HDFS stands for Hadoop Distributed File System. It handles the data storing process.

2. Map Reduce

Map redure is used for analysing and processing the required data.

2.Explain Components Of Hadoop Framework

Hadoop has two major components.

1.HDFS

2.Map Reduce

HDFS

It stands for Hadoop Distributed File System.

It stores and transfer the data among nodes.

Map Reduce

It is a framework which is used for processing.

It is used for analysing the huge amount of data across the multiple nodes.

3.Reason to learn bigdata technology

To handle the large amount of data set, we need a technology like bigadata.

Using bigadata, the data will be high reliable and scalable when compared to other technology.

The main purpose of using bigadata is fault tolerance which means if one node fails it will not affect the entire cluster. Using bigadata, we can avoid the data loss and hold large volume of data using required size.