What does the attribute "Velocity" imply in the context of Big Data?

Quality and origin of data

Diversity of data

Scale of data

The speed at which data accumulates

Question 2

Which of the Big Data processing tools provides distributed storage and processing of Big Data?

Hadoop

Hive

ETL

Spark

Question 1

What does the attribute "Veracity" imply in the context of Big Data?

Diversity of the type and sources of data

Accuracy and conformity of data to facts

The speed at which data accumulates

Scale of data

Correct

Veracity, in the context of Big Data, refers to the accuracy and conformity of data to facts.

Question 2

_____, in the context of Big Data, is the speed at which data accumulates.

Volume

Velocity

Value

Variety

Correct

Velocity refers to the speed at which data is generated, such as, real-time streaming data.

Question 3

What does the attribute "Value" imply in the context of Big Data?

The speed at which data accumulates

The diversity of the type and sources of data

The accuracy and conformity of data to facts

Our ability and need to turn data into value

Correct

Value refers to the insights and business value we are able to derive out of data.

Question 4

Apache Spark is a general-purpose data processing engine designed to extract and process Big Data for a wide range of applications. What is one of its key use cases?

Fast recovery from hardware failures

Perform complex analytics in real-time

Scalable and reliable Big Data storage

Consolidate data across the organization

Correct

Spark is a general-purpose data processing engine used for performing complex data analytics in real-time.

Question 5

Which of the Big Data processing tools is used for reading, writing, and managing large data set files that are stored in either HDFS or Apache HBase?

ETL

Hive

Hadoop

Spark

Correct

Hive is an open-source data warehouse software for reading, writing, and managing large data sets stored in data storage systems such as HDFS and Apache HBase.