

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

1 / 1 point

- ☐ Diversity of the type and sources of data
- ☒ Accuracy and conformity of data to facts
- ☐ Scale of data
- ☐ The speed at which data accumulates



**Correct**

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

2. \_\_\_\_\_, in the context of Big Data, is the speed at which data accumulates.

1 / 1 point

- ☐ Volume
- ☒ Velocity
- ☐ Variety
- ☐ Value



**Correct**

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

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

1 / 1 point

- ☐ The speed at which data accumulates
- ☐ The diversity of the type and sources of data
- ☒ Our ability and need to turn data into value
- ☐ The accuracy and conformity of data to facts



**Correct**

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

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?

1 / 1 point

- ☒ Perform complex analytics in real-time
- ☐ Scalable and reliable Big Data storage
- ☐ Consolidate data across the organization
- ☐ Fast recovery from hardware failures



**Correct**

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

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?

1 / 1 point

- ☒ Hive
- ☐ Spark
- ☐ Hadoop
- ☐ ETL



**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.