

# Quiz 3 - Big Data Platforms

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

1 / 1 point

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

✓ **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
- ☐ Variety
- ☒ Velocity
- ☐ Value

✓ **Correct**

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

1 / 1 point

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

✓ **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

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

✓ **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

- ☐ Hadoop
- ☒ Hive
- ☐ ETL
- ☐ 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.