

Name \_\_\_\_\_

## The Magic of Collecting and Storing Data in Big Data Systems

### Short Answer Key

1. Sensors and devices collect real-time data from various sources, such as temperature sensors and GPS devices. This data provides valuable insights into ongoing activities and trends.
2. Databases store structured data in tables and rows, while data lakes can store both structured and unstructured data in their natural form, offering greater flexibility.
3. Data cleaning involves removing errors, duplicates, and irrelevant information from collected data. It ensures data accuracy and reliability, which is crucial for meaningful analysis.
4. Data analysis uncovers patterns and insights within data, allowing decision-makers to make informed choices based on evidence and trends.

