✓ **Congratulations! You passed!**

| Grade received 100% | Latest Submission Grade 100% | To pass 70% or higher | Retake the assignment in **7h 58m** | **Go to next item** |

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1. There are two main types of data repositories – Transactional and Analytical. For high-volume day-to-day operational data such as banking transactions, Transactional, or OLTP, systems are the ideal choice.

1 / 1 point

◉ True

○ False

> ✓ **Correct**
> Transactional, or OLTP, systems are designed and optimized for handling high-volume transactions.

2. Which of the following is an example of unstructured data?

1 / 1 point

○ Spreadsheets

○ Zipped files

○ XML

◉ Video and Audio files

> ✓ **Correct**
> Video and audio files are examples of unstructured data.

3. Which one of these file formats is independent of software, hardware, and operating systems, and can be viewed the same way on any device?

1 / 1 point

○ XML

○ XLSX

◉ PDF

○ Delimited text file

> ✓ **Correct**
> PDF format is independent of software, hardware, and operating systems, and can be viewed the same way on any device.

4. Which data source can return data in plain text, XML, HTML, or JSON among others?

1 / 1 point

○ Delimited text file

○ XML

◉ APIs

○ PDF

> ✓ **Correct**
> APIs can return data in a wide variety of formats such as plain text, XML, HTML, or JSON among others.

5. In the data engineer's ecosystem, languages are classified by type. What are shell and scripting languages most commonly used for?

1 / 1 point

○ Querying data

○ Building apps

◉ Automating repetitive operational tasks

○ Manipulating data

✓ **Correct**
Shell and scripting languages are commonly used for automating repetitive operational tasks.