1.
Question 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
ANSWER: (A) True
Correct
Transactional, or OLTP, systems are designed and optimized for handling high-volume transactions.

2.
Question 2
Which of the following is an example of unstructured data?
1 / 1 point
XML
Video and Audio files
Zipped files
Spreadsheets

ANSWER: (B) Video and Audio files

Correct
Video and audio files are examples of unstructured data.

3.
Question 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
Delimited text file
PDF
XML
XLSX
ANSWER: (B) PDF

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

4.
Question 4
Which data source can return data in plain text, XML, HTML, or JSON among others?
1 / 1 point
PDF
Delimited text file
APIs
XML
ANSWER: (C) APIs

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

5.

Question 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
Building apps
Manipulating data
Querying data
Automating repetitive operational tasks

ANSWER: (D) Automating repetitive operational tasks

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