

1.

Question 1

Automated tools, frameworks, and processes for all stages of the data analytics process are part of the Data Engineer's ecosystem. What role do data integration tools play in this ecosystem?

Conduct complex data analytics

Combine data from multiple sources into a unified view that is accessed by data consumers to query and manipulate data

Store high-volume day-to-day operational data in data repositories

Cover the entire journey of data from source to destination

ANSWER: (B) Combine data from multiple sources into a unified view that is accessed by data consumers to query and manipulate data

2.

Question 2

Which of these data sources is an example of semi-structured data?

Social media feeds

Documents

Network and web logs

Emails

ANSWER: (D) Emails

3.

Question 3

Which one of the provided file formats is commonly used by APIs and Web Services to return data?

XML

Delimited file

JSON

XLS

ANSWER: (C) JSON

4.

Question 4

What is one example of the relational databases discussed in the video?

Flat files

Spreadsheet

SQL Server

XML

ANSWER: (C) SQL Server

5.

Question 5

Which of the following languages is one of the most popular querying languages in use today?

Python

SQL

R

Java

ANSWER: (B) SQL