Check yourself - Data types

Due Feb 13 at 11:59pm   **Points** 4   **Questions** 4   **Time Limit** None
Allowed Attempts 2

Instructions

This quiz focuses on data types and formats, their definitions and criteria of evaluation.

[Take the Quiz Again]

Attempt History

	Attempt	Time	Score
LATEST	**Attempt 1**	18 minutes	4 out of 4

ⓘ Answers will be shown after your last attempt

Score for this attempt: **4** out of 4
Submitted Feb 11 at 10:56am
This attempt took 18 minutes.

Question 1	1 / 1 pts

Match the evaluation criteria described in "An Introduction to Big Data Formats" to their decision-making considerations:

Row vs column orientation   [The analysis focuses ⌄]

Schema evolution

| Deciding how much c ∨ |

Splitability

| The data is large and (∨ |

Compression

| Need to reduce the ar ∨ |

Question 2

1 / 1 pts

The video on data streaming architectures distinguishes between Lambda and Kappa architectures. Select the most appropriate statements that describe each architecture:

Lambda

| separates batch and s ∨ |

Kappa

| processes all data as ∨ |

Question 3

1 / 1 pts

Match definitions to data formats:

Avro

| a row-based, schema ∨ |

Parquet

| a column-based forma ∨ |

MPEG

a format that supports ⌄

JSON					a text-based format th ⌄

## Question 4													**1 / 1 pts**

What are the best practices for long-term preservation of data (select all that apply):

☑ Use open, unencrypted formats

☐ Use the most recent operating system

☑ If converting to another format, check for errors and omissions

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☑ Include metadata

☐ Clean the data

Quiz Score: **4** out of 4