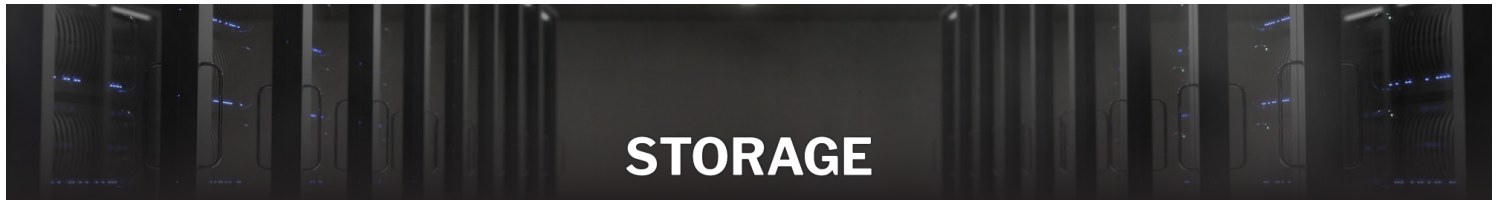# Check yourself - Ingest and storage

Due Mar 27 at 11:59pm   **Points** 6   **Questions** 6   **Time Limit** None
Allowed Attempts 2

Instructions

STORAGE

Take the Quiz Again

Attempt History

	Attempt	**Time**	**Score**
LATEST	**Attempt 1**	10 minutes	5.75 out of 6

⚠ Answers will be shown after your last attempt

Score for this attempt: **5.75** out of 6
Submitted Mar 24 at 1:45pm
This attempt took 10 minutes.

Question 1	1 / 1 pts

Based on Fowler's description, what is impedance mismatch? Select the best definition:

○   A mismatch between the size of a phenomenon and the number of tables needed to represent it.

◉

A mismatch between the complex connections of a phenomenon and the rigid relational structure of tables in a database.

○

A mismatch between the object-oriented programming framework and the semantic complexity of real world phenomena.

Question 2

1 / 1 pts

What were "unnatural acts" according to Folwer and the big data players he talked to?

○ Attempts to introduce object-oriented databases

◉ Attempts to run relational databases across a cluster of machines

○ Attempts to maintain relational databases for large amounts of data.

Partial

Question 3

0.75 / 1 pts

What are the common characteristics of noSQL according to Fowler? Select all that apply.

☐ object-oriented

☑ cluster-friendly

☐ 21st-century-web-grounded

☑ schema-less

☐ big-table

☑ non-relational

Question 4   1 / 1 pts

Match data models of noSQL databases to their definitions:

Key-value store

> Values or records are ⌄

Document store

> All information about ⌄

Column-family store

> Records are stored as ⌄

Graph-oriented store

> Information about obj⌄

Question 5   1 / 1 pts

What did Martin Fowler mean when he talked about polyglot persistence? Select the statements that fit his vision:

☐ Organizations will have to stop using relational databases

☑ Relational databases will be among the choices of a data store

☐ A new type of data store is coming that will replace both SQL and noSQL data stores

☑

The user will have to select a type of store based on the problem at hand

☑ There will be many different types of data stores

Question 6   **1 / 1 pts**

What are the units that comprise MongoDB?

◉ Collections and documents

○ Columns and rows

○ Collections and columns

Quiz Score: **5.75** out of 6