Quiz 8

According to your text, NoSQL stands for:

**Correct!**

Not Only SQL.

No SQL.

Numeric Only SQL.

Numbered SQL.

**Question 2**

**1.25 / 1.25 pts**

Transaction processing and management reporting tend to fit big data databases better than relational databases.

True

**Correct!**

False

**Question 3**

**1.25 / 1.25 pts**

The philosophical underpinnings of big data are based on schema on write.

True

**Correct!**

False

**Question 4**

**1.25 / 1.25 pts**

The NoSQL model that includes a simple pair of a key and an associated collection of values is called a:

document store.

wide-column store.

**Correct!**

key-value store.

graph database.

**Question 5**

**1.25 / 1.25 pts**

It is true that in an HDFS cluster the NameNode is the:

**Correct!**

single master server.

large number of slaves.

language library.

business intelligence.

**Question 6**

**1.25 / 1.25 pts**

Apache Cassandra is a leading producer of \_\_\_\_\_\_\_\_ NoSQL database management systems.

key-value store

relational

graph

**Correct!**

wide-column

**Question 7**

**1.25 / 1.25 pts**

MapReduce is an algorithm for massive parallel processing utilized by Hadoop.

**Correct!**

True

False

**Question 8**

**1.25 / 1.25 pts**

Hive is a(n) \_\_\_\_\_\_\_\_ data warehouse software.

Macintosh

Oracle

**Correct!**

Apache

Microsoft

**Question 9**

**1.25 / 1.25 pts**

MongoDB is a proprietary NoSQL database management system created by Oracle.

True

**Correct!**

False

**Question 10**

**1.25 / 1.25 pts**

\_\_\_\_\_\_\_\_ includes the value of speed in a NoSQL database.

**Correct!**

Velocity

Variety

Vigilant

Verified

**Question 11**

**1.25 / 1.25 pts**

The schema on write and schema on read are considered synonymous approaches.

True

**Correct!**

False

**Question 12**

**1.25 / 1.25 pts**

JSON is commonly used in conjunction with the 'document store' NoSQL database model.

**Correct!**

True

False

**Question 13**

**0 / 1.25 pts**

NoSQL databases DO NOT support ACID (atomicity, consistency, isolation, and durability).

**Correct Answer**

True

**You Answered**

False

**Question 14**

**1.25 / 1.25 pts**

\_\_\_\_\_\_\_\_ is the most popular key-value store NoSQL database management system.

**Correct!**

Redis

Access

Neo4j

Apache Cassandra

**Question 15**

**1.25 / 1.25 pts**

The 'schema on read' approach often incorporates JSON or XML.

**Correct!**

True

False

**Question 16**

**1.25 / 1.25 pts**

Big data databases tend to sacrifice consistency for availability.

**Correct!**

True

False

**Question 17**

**1.25 / 1.25 pts**

When a data repository (including internal and external data) does NOT follow a predefined schema, this is called a:

data dump.

data ocean.

data stream.

**Correct!**

data lake.

**Question 18**

**1.25 / 1.25 pts**

Data in MongoDB is represented in:

**Correct!**

BSON.

JSON.

CSON.

SON.

**Question 19**

**1.25 / 1.25 pts**

NoSQL focuses on:

**Correct!**

flexibility.

avoidance of replication of data.

minimizing storage space.

normalized data.

**Question 20**

**1.25 / 1.25 pts**

Server logs are considered a big data variety data type.

**Correct!**

True

False

Quiz Score: **23.75** out of 25

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**Question 1**

**1.25 / 1.25 pts**

The primary use of Pig is to:

create data warehouses.

**Correct!**

transform raw data into a format that is useful for analysis.

create large databases.

query large databases.

**Question 2**

**1.25 / 1.25 pts**

NoSQL systems enable automated \_\_\_\_\_\_\_\_ to allow distribution of the data among multiple nodes to allow servers to operate independently on the data located on it.

sharing

mongo

SQL

**Correct!**

sharding

**Question 3**

**1.25 / 1.25 pts**

\_\_\_\_\_\_\_\_ includes the value of speed in a NoSQL database.

Verified

Variety

**Correct!**

Velocity

Vigilant

**Question 4**

**0 / 1.25 pts**

\_\_\_\_\_\_\_\_ generally processes the largest quantities of data.

Operational databases

**Correct Answer**

Transaction processing

Data marts

**You Answered**

Big data

**Question 5**

**1.25 / 1.25 pts**

The NoSQL model that incorporates 'column families' is called a:

document store.

key-value store.

**Correct!**

wide-column store.

column-SQL database.

**Question 6**

**1.25 / 1.25 pts**

MapReduce is an algorithm for massive parallel processing utilized by Hadoop.

**Correct!**

True

False

**Question 7**

**1.25 / 1.25 pts**

The target market for Hadoop is small to medium companies using local area networks.

True

**Correct!**

False

**Question 8**

**1.25 / 1.25 pts**

It is true that in an HDFS cluster the NameNode is the:

large number of slaves.

**Correct!**

single master server.

business intelligence.

language library.

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**Correct!**

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**Question 11**

**1.25 / 1.25 pts**

Value (related to the five 'v's' of big data) addresses the pursuit of a meaningful goal.

**Correct!**

True

False

**Question 12**

**1.25 / 1.25 pts**

Although volume, variety, and velocity are considered the initial three v dimensions, two additional Vs of big data were added and include:

verified and valuable.

veracity and verified.

volume and verified.

**Correct!**

veracity and value.

**Question 13**

**1.25 / 1.25 pts**

Big data:

**Correct!**

does not require a strictly defined data model.

requires a strictly defined schema.

requires a normalized dataset to BCNF.

requires a normalized dataset to 3rd Normal Form.

**Question 14**

**1.25 / 1.25 pts**

At a basic level, analytics refers to:

conducting a needs analysis.

normalizing data.

collecting data.

**Correct!**

analysis and interpretation of data.

**Question 15**

**1.25 / 1.25 pts**

Hive uses \_\_\_\_\_\_\_\_ to query data.

**Correct!**

HiveQL

SQL

Honeyquery

BeesNest

**Question 16**

**1.25 / 1.25 pts**

NoSQL focuses on avoidance of replication and minimizing storage space.

True

**Correct!**

False

**Question 17**

**0 / 1.25 pts**

Word processing documents are commonly stored in a 'document store' NoSQL database model.

**You Answered**

True

**Correct Answer**

False

**Question 18**

**1.25 / 1.25 pts**

\_\_\_\_\_\_\_\_ includes NoSQL accommodation of various data types.

Verified

**Correct!**

Variety

Velocity

Vigilant

**Question 19**

**1.25 / 1.25 pts**

Structured Query Language (SQL) is a set of methodologies, processes, architectures, and technologies that transform raw data into meaningful information.

True

**Correct!**

False

**Question 20**

**1.25 / 1.25 pts**

Economies of storage indicate data storage costs increase every year.

True

**Correct!**

False

Quiz Score: **22.5** out of 25

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**Quiz Submissions**

* [Attempt 1: 23.75](https://unt.instructure.com/courses/117430/quizzes/716280/history?version=1)
* [**Attempt 2: 22.5**](https://unt.instructure.com/courses/117430/quizzes/716280/history?version=2)

Abhishek Yadav has 1 attempt left

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