Your grade: 100%

Your latest: **100%** • Your highest: **100%** • To pass you need at least 60%. We keep your highest score.

Next item

1. What common trait do the NoSQL family of databases share? 1 / 1 point

- (•) Non-relational
- ( ) Technology
- ( ) Exclusion of SQL
- ( ) Tabular style

Correct
Correct! This is a family of databases that vary widely in style and technology, but which all share a common trait in that they are non-relational in nature (they are not a standard row and column relational database management system).

2. What might be the most common reason to use a NoSQL database? 1 / 1 point

- (•) Scalability
- ( ) Normalization
- ( ) Security
- ( ) Joins

Correct
Correct! The elasticity of scaling both up and down to meet the varying demands of applications is key.

3. What makes key-value NoSQL databases powerful for read operations? 1 / 1 point

- ( ) They are good for bulk reads.
- ( ) They shard easily across nodes.
- (•) They are represented as a hashmap.
- ( ) They are good for complex join operations.

Correct
Correct! Because key-value stores are represented as a hashmap, they are powerful for read operations.

4. Which use case is a good choice for a document type NoSQL database? 1 / 1 point

- (•) Online blogging
- ( ) The data naturally falls into a normalized tabular model
- ( ) When you require ACID transactions
- ( ) Aggregate-oriented design

Correct
Correct! Online blogs are good use cases. Each user, post, comment, like, or action is represented by a document.

5. What is a characteristic of column-based NoSQL databases? 1 / 1 point

- ( ) Columns are grouped together in families because they are often accessed individually.
- (•) Rows in column families can share all, a subset, or none of the columns.
- ( ) Rows in column families are required to share the same columns.
- ( ) Rows in column families share a common key or identifier.

Correct
Correct! They can share all, a subset, or none of the columns, and columns can be added to any number of rows.