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

   ○ Exclusion of SQL

   ○ Tabular style

   ○ Technology

   ● Non-relational

   ✓ **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

   ○ Joins

   ○ Security

   ○ Normalization

   ✓ **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 represented as a hashmap.

   ○ They are good for bulk reads.

   ○ They shard easily across nodes.

   ○ 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

   ○ When you require ACID transactions

   ○ The data naturally falls into a normalized tabular model

   ○ 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

   ○ Rows in column families are required to share the same columns.

   ● Rows in column families can share all, a subset, or none of the columns.

   ○ Columns are grouped together in families because they are often accessed individually.

   ○ 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.