

Your grade: 100%

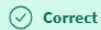
Your latest: **100%** • Your highest: **100%** • To pass you need at least 70%. We keep your highest score.

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1. Data classification depends on the degree of structure and its flexibility. Which data type is often stored in SQL databases?

1 / 1 point

- ☐ Regulated data
- ☐ Unstructured data
- ☐ Semi-structured data
- ☒ Structured data



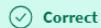
Correct

Correct! SQL databases commonly store structured data in predefined tables and columns.

2. Which of the following categories belong to the Information models?

1 / 1 point

- ☐ Tree
- ☒ Hierarchical
- ☐ Organization
- ☐ Root



Correct

Correct! Hierarchical is the most recognized type of Information model.

3. How is a one-to-many relationship depicted using Crow's foot notation?

1 / 1 point

- ☐ Greater-than symbol
- ☒ Less-than symbol
- ☐ Equal sign
- ☐ Asterisk



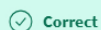
Correct

Correct! Crow's foot notation uses the less-than symbol (<) to indicate a one-to-many relationship, signifying that one entity links with multiple instances of another entity.

4. When converting an ERD into a table, the entity transforms into the table itself. What do the attributes represent?

1 / 1 point

- ☐ Rows
- ☒ Columns
- ☐ Cells
- ☐ Relationships



Correct

Correct! Each attribute corresponds to a column in the table.

5. Which data type can hold only 1 bit of information, either a 0 or a 1?

1 / 1 point

- ☐ XML
- ☐ Binary string
- ☒ Boolean
- ☐ Long



Correct

Correct! Only holds 1 bit of information, 0 or 1.