

Graded Quiz: Fundamental Relational Database Concepts

1. Data can be classified by the level and rigidity of its structure. Which data type is often stored in NoSQL databases?

1 / 1 point

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

✓ Correct

This data can't be organized into tabular format in relational databases.

2. Which of the following is a type of Information models?

1 / 1 point

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

✓ Correct

3. True or False - In an Entity-Relationship diagram, attributes are connected to multiple entities.

1 / 1 point

- ☐ True
- ☒ False

✓ Correct

Attributes are connected to exactly one entity.

4. When creating a table from an ERD, the entity becomes the table. What do the attributes become?

1 / 1 point

- ☐ Cells
- ☐ All of the above
- ☐ Rows
- ☒ Columns

✓ Correct

Each attribute translates into a column in the table.

5. Which data type only holds 1 bit of information; a 0 or a 1?

1 / 1 point

- ☐ XML
- ☒ Boolean
- ☐ LOB
- ☐ Binary string

✓ **Correct**

Only holds 1 bit of information, 0 or 1.