

Data Engineering Practice Test Questions and Answers

1. What does ETL in a data pipeline mean?

- A) Extract-Transform-Load
- B) Execute-Transform-Load
- C) Extract-Tweak-Load
- D) Extract-Transform-Link

2. What is an 'outrigger' in dimensional modeling?

- A) A fact table with no measures
- B) A secondary dimension table referenced by another dimension table
- C) A bridge table for many-to-many relationships
- D) A temporary staging table

3. What is 'grain' in the context of a fact table?

- A) The smallest unit of data that can be stored
- B) The level of detail represented by each row in the fact table
- C) The number of foreign keys in the fact table
- D) The precision of numeric measures

4. What is a surrogate key in dimensional modeling?

- A) A natural business key from the source system
- B) A composite key made of multiple columns
- C) A system-generated integer used as the primary key for a dimension
- D) A foreign key referencing the fact table

Answers: 1-A 2-B 3-B 4-C

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