Data Modeling Concepts

Assessment Fact Sheet

Overview	The Data Modeling Concepts test measures knowledge of the most important aspects of data modeling. This test is designed for experienced administrators and developers.
	Job Family/Title	Administrator, Developer

Details		
	Average Testing Time (minutes)	30 minutes
	Allowed Time (minutes)	90 minutes
	Maximum Number of Questions	30 questions
	Number of Sittings	One
	Designed for Unproctored Environment	Yes
	Question Format	Multiple Choice - Adaptive
	Product Category	Information Technology

Knowledge, Skills, Abilities and Competencies Measured

The following areas are covered:

- Attributes and Keys
- Entities
- Implementation and Model Notations
- Normalization
- Relationships
- Uses and Benefits

Example Question

Question Time Remaining: 0h : 2m : 56s

Exit

When establishing referential integrity in a data model while designing a relational database, what factor do you need to consider?

a ○ The data model must be in first normal form.

b ○ Each entity must only have one relationship.

c ○ The data model must be in third normal form.

d ○ The data model must be in second normal form.

e ○ All foreign keys must also be primary keys.

Next

Example Report

Test: Data Modeling Concepts

This report is confidential and its contents are intended to assist in the prediction of an applicant's work behavior. If you would like more information about this interpretive report or other products that SHL offers, please contact your account representative.

Score: 3.31
Proficiency Level: Proficient (2.51 - 3.50)
The candidate has mastered the basic concepts of Data Modeling Concepts, including:

- Indices
- Attributes & Keys

The candidate demonstrates a clear understanding of intermediate Data Modeling Concepts concepts, such as:

- Entities
- Implementation and Model Notations
- Relationships

The candidate may have some knowledge of more advanced Data Modeling Concepts concepts such as:

- Data Warehouse Essentials
- Normalization

At the Proficient level, the candidate will be capable of working on most projects involving Data Modeling Concepts with minimal assistance. However, the candidate will probably require more assistance with advanced concepts.

Percentile Comparisons
The percentile score indicates how well the candidate scored relative to other candidates in the comparison population indicated by the score.

Percentile Comparisons

		Low	Medium	High
Percentile		30	70	100
Global Population	39	♦		
Company Population	77			♦

Detail Item Results

Order	Question	Topic	Description	Skill Level	Time Taken (Seconds)	Is Correct	A	B	C	Theta	Info	Stand Error
1	DATA_MODELING_CONCEPTS_BB_0135_R1	Indices	Composite	Basic	158.7	Yes						
2	DATA_MODELING_CONCEPTS_BB_0099_R1	Implementation and Model Notations	Logical View	Intermediate	163.3	No						
3	DATA_MODELING_CONCEPTS_BB_0065_R1	Relationships	Optional	Intermediate	149.8	No						