

# Data Warehousing Concepts

## Assessment Fact Sheet

### Overview

The Data Warehousing Concepts test measures knowledge of Data Warehousing. Designed for experienced users.

Job Family/Title

Database Administrators

### Details

Average Testing Time (minutes)

25 minutes

Allowed Time (minutes)

90 minutes

Maximum Number of Questions

30 questions

Number of Sitzings

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:

- Big Data and Data Warehouse Appliance
- Business Considerations
- Data Transformation
- Data Warehousing and Data Marts
- Design
- Dimensional Data Model
- On Line Analytical Processing (OLAP)
- Querying and Reporting/Data Extraction

## Example Questions

Question Time Remaining: 0h : 2m : 35s

While profiling a database, you discover a query that is running in exponential time with data growth. Presently, the data in the underlying fact table is small.

Based on the scenario above, which action do you take once you discover that the queries are running in exponential time?

a

☐

Split the fact table into multiple tables.

b

☐

Partition the fact table data.

c

☐

Partition the dimension table.

d

☐

Remove any nested SQL from the query.

e

☐

Create a normalized fact table.

Next

## Example Reports

<b>Test: Data Warehousing Concepts</b>												
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.												
<b>Score: 2.79</b>												
<b>Proficiency Level: Proficient (2.51 - 3.50)</b>												
The candidate has mastered the basic concepts of Data Warehousing Concepts, including:												
<ul style="list-style-type: none"> <li>• Dimensional Data Model</li> <li>• Data Warehousing and Data Marts</li> <li>• Data Transformation</li> </ul>												
The candidate demonstrates a clear understanding of intermediate Data Warehousing Concepts concepts, such as:												
<ul style="list-style-type: none"> <li>• Design</li> <li>• Business Considerations</li> <li>• Querying and Reporting/Data Extraction</li> </ul>												
The candidate may have some knowledge of more advanced Data Warehousing Concepts concepts such as:												
<ul style="list-style-type: none"> <li>• On Line Analytical Processing (OLAP)</li> <li>• Big Data and Data Warehouse Appliance</li> </ul>												
At the Proficient level, the candidate will be capable of working on most projects involving Data Warehousing Concepts with minimal assistance. However, the candidate will probably require more assistance with advanced concepts.												
<b>Percentile Comparisons</b>												
The percentile score indicates how well the candidate scored relative to other candidates in the comparison population indicated by the score.												
<b>Percentile Comparisons</b>												
									Low	Medium	High	
							Percentile		39	70	100	
Global Population							39					
<b>Detail Item Results</b>												
Order	Question	Topic	Description	Skill Level	Time Taken (Seconds)	Is Correct	A	B	C	Theta	Info	Stand Error
1	Data_WHRSSE_CONCEPTS_R2_BB_0222	Querying and Reporting/Data Extraction	Query Languages	Intermediate	10.6	Yes						
2	Data_WHRSSE_CONCEPTS_R2_BB_0250	Data Transformation	Importing/Loading data	Basic	12.4	No						
3	Data_WHRSSE_CONCEPTS_R2_BB_0210	Querying and Reporting/Data Extraction	Query Languages	Intermediate	63.3	Yes						