

# Microsoft SQL Server 2008 Programming

## Assessment Fact Sheet

### Overview

The MS SQL Server 2008 Programming test measures the candidate's knowledge of MS SQL Server 2008 Programming. Designed for experienced programmers, but an average performer in this role should pass this test.

Job Level	Professional
Job Family/Title	Information Technology

### Details

Average Testing Time (minutes)	33 minutes
Allowed Time (minutes)	90 minutes
Maximum Number of Questions	30 questions
Number of Sittings	One
Designed for Unproctored Environment	Yes
Question Format	Adaptive, Multiple Choice
Product Category	Brainbench IT

### Knowledge, Skills, Abilities and Competencies Measured

Measures knowledge of the following areas:

- Architecture
- Beyond Relational
- Data Modification
- Database Design
- Performance and Optimisation
- SQL Queries
- Tools
- Transact-SQL
- Triggers
- User-Defined Functions

## Example Questions

```

IF EXISTS(SELECT Col1
FROM Table1
WHERE Col1 IS NOT NULL)
ROLLBACK TRANSACTION;

UPDATE Table1
SET Col1 = Null;
    
```

When you execute the sample code above as a single batch, if the ROLLBACK TRANSACTION is executed, the UPDATE statement:

<input type="radio"/> a	does not execute.
<input type="radio"/> b	causes an error.
<input type="radio"/> c	causes a deadlock.
<input type="radio"/> d	is rolled back.
<input type="radio"/> e	is not rolled back.

PREVISOR Time Remaining for this Question: 0h : 2m : 51s Next Exit POWERED BY PREVISOR

What value does NULL mean?

<input type="radio"/> a	Integer 0
<input type="radio"/> b	Missing
<input type="radio"/> c	Integer -1
<input type="radio"/> d	Empty string
<input type="radio"/> e	Unknown

PREVISOR Time Remaining for this Question: 0h : 2m : 52s Next Exit POWERED BY PREVISOR

## Example Reports

**Session: 01430802117676**

Job ID: 1253  
Library Name:  
Started: 12/15/10 5:35 PM  
Candidate: **Qa Test**  
Email:  
Hiring Team: Default Hiring Team (previsor)  
City:

Job Title: MS SQL svr 2008 prog - adaptive test qa  
Completed: 12/15/10 5:37 PM  
Candidate Reference:  
Phone:  
State/Province:

**Test: Microsoft SQL Server 2008 Programming**

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 Previsor offers, please contact your account representative.

**Score: 1.72**  
**Proficiency Level: Basic (1.51 - 2.50)**

The candidate demonstrates an understanding of basic concepts of Microsoft SQL Server 2008 Programming, including:

- SQL Queries
- Architecture
- Database Design

The candidate may be proficient with intermediate Microsoft SQL Server 2008 Programming concepts, such as:

- Transact-SQL
- Data Modification
- Triggers
- Tools

The candidate will likely be challenged by more advanced Microsoft SQL Server 2008 Programming concepts such as:

- Performance and Optimization
- Beyond Relational
- User-Defined Functions

Candidates scoring at the Basic level would benefit from formal training or self study in order to become more effective in Microsoft SQL Server 2008 Programming.

**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	0		

**Detail Item Results**

Order	Question	Topic	Description	Skill Level	Time Taken (Seconds)	Is Correct	A	B	C	Theta	Info	Stand Error	
1	MS_SQL_SVR_2008_PROG_BB_2166	Data Modification	Update	Intermediate	4.1	No	0.817	0.16	0.219	-	0.335963	0.094188	3.258382
2	MS_SQL_SVR_2008_PROG_BB_2172	Data Modification	Update	Intermediate	2.3	Yes	1.199	0.319	0.228	0.072489	0.334223	1.729744	
3	MS_SQL_SVR_2008_PROG_BB_2103	Performance and Optimization	Indexing Design	Advanced	1.1	No	1.1	0.075	0.274	0.438918	0.4588	1.476346	
4	MS_SQL_SVR_2008_PROG_BB_2128	Database Design	Table Design	Basic	2.4	No	1.12	0.437	0.163	0.762822	0.589977	1.301914	
5	MS_SQL_SVR_2008_PROG_BB_2116	SQL Queries	Joins and Unions	Basic	1.5	No	1.014	0.711	0.138	-1.02588	0.673881	1.218171	
6	MS_SQL_SVR_2008_PROG_BB_2108	Data Modification	Update	Intermediate	1.5	No	1.435	-1.05	0.15	1.354406	0.861678	1.077277	