

# SNOWFLAKE SNOWCONVERT FOR DATABRICKS

SnowConvert App Version 8.0.19.0

Engine Version 30.3.13

Executed on 15/07/2025 at 11.18.07

Conversion Time:  00:00:11

Conversion Speed: 0 lines/sec

The purpose of this document is to summarize the technical considerations and code analysis in migrating SQL to Snowflake from Databricks that either have an impact on the automated code conversion or cannot be handled by automated code conversion, as well as provide a high-level inventory and automation capability of the code that will need to be addressed. A glossary of terms used is located at the end of the document.

##### KEY TERMS

Code Unit (CU) -SnowConvert breaks down code for reporting here into code units.  Please see the documentation “[here](https://docs.snowconvert.com/sc/general/getting-started/running-snowconvert/review-results/reports/top-level-code-units-report)” for an explanation of how code units are defined.

Code Unit Parent Category (CUPC) - For summary purposes in certain sections of this document you code units are grouped together to display conversion rates, counts and other metrics.  All detail for code units can still be found and analyzed in the top level code units document. For information on how code units are grouped, please refer to the documentation [here](https://docs.snowconvert.com/sc/general/getting-started/running-snowconvert/review-results/reports/top-level-code-units-report).

##### CODE COMPLETENESS SCORE

SnowConvert results are only as good as the completeness of the provided code.  A full lineage of information is needed in order to properly convert many objects.  The Code Completeness score is an indication of how complete the provided code base is.  Anything less than a score of 100 means SnowConvert identified missing object references in the code. It is advisable to convert dependent objects together to avoid getting missing object remarks. As an example, a Procedure definition converted individually without the dependent tables or functions would result in missing dependency remarks.

|  |
| --- |
| **0** |

[Learn more](https://docs.snowconvert.com/sc/general/getting-started/running-snowconvert/review-results/reports/assessment-report/code-completeness-score)

For details on objects reported as missing from the submitted code, see the section on Missing Dependent Objects.  For best results, revise the submitted code base to include a complete set of code.

**EXCLUDED SCOPE SUMMARY**

SnowConvert only supports [certain file types and code units](https://docs.snowconvert.com/sc/general/getting-started/running-snowconvert/review-results/snowconvert-scopes).  The following outlines what was identified in the submitted code and has been ***excluded*** from the scope of this assessment.  These excluded items are not converted by SnowConvert and do not affect the overall conversion rates reported in this assessment.  For additional information see the section on Excluded Scope Breakdown.

| **Excluded from Assessment:**  **Files: Out of Scope NaN%** |  |  | **Excluded from Conversion:  Code Units:  Out of Scope 0%** |  |
| --- | --- | --- | --- | --- |
| Unsupported extensions: | 0 |  |  |  |
| Unexpected encoding: | 0 |  |  |  |

##### ASSESSED CONVERSION SCOPE SUMMARY

| Files | 0 | Fully Converted Code Units | 0% |
| --- | --- | --- | --- |
| Code Units | 0 | Lines of Code Conversion Rate | 0% |
| Lines of Code | 4 | Functional Difference Messages | 0 |
| Files Not Generated | 0 | Performance Reviews | 0 |
| Parsing EWIs | 0 | Missing Dependent Objects | 0 |
| Other EWIs | 0 |  |  |

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## CODE UNITS SUMMARY

### Top Level Code Units

Code units are used to holistically count code across multiple types of files and scenarios and then grouped into categories here for summarization.  For information on how CUs are determined please see the [SnowConvert documentation here](https://docs.snowconvert.com/sc/general/getting-started/running-snowconvert/review-results/reports/top-level-code-units-report)[.](https://docs.snowconvert.com/snowconvert/general/getting-started/running-snowconvert/review-results/reports/top-level-code-units-report)

## 

| **Code Unit Parent Category** | **Code**  **Unit** | **Conversion Rate** | | **Total # of Code Units** | **Lines of Code** | **Parsing EWIs** | **Other EWIs** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Fully Converted  Code Units** | **Lines of**  **Code** |
| N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

## 

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## CONVERSION REMARKS DETAIL

### Functional Difference Messages (FDMs)

In converting your source platform code to Snowflake, it is essential to acknowledge that Databricks and Snowflake are distinct platforms with unique features, functions, and capabilities.  In many cases, full functional equivalence cannot be achieved through brute force automation, and involvement is required to bridge these functional differences.  SnowConvert calls out all known instances of these functional differences as Functional Difference.

Messages where the code has been successfully converted to the extent possible and can only be further improved by reviewing details that lie outside of the code which may include business use cases, data ingestion processes or other architectural considerations.

##### Purpose

Customer Review: The purpose of this remark is to ensure transparency and provide visibility into areas of the conversion where human intervention may be required. It allows you, as the customer, to review and address these platform-specific differences according to your specific business requirements.

Customization Opportunities: By highlighting these differences, it enables you to assess whether any custom adaptations, workarounds, or alternative solutions may be required to achieve the desired functionality on the Snowflake platform.

Full Compatibility: It aims to ensure that your Snowflake environment, after migration, aligns with your expectations, while also complying with Snowflake's architecture and capabilities.

##### Action Required

Your review of these platform differences is essential. Depending on your specific use case and business needs, there could be substantial work to perform both outside and inside the code in order to achieve a successful migration.  You may need to collaborate with database administrators or developers to implement solutions or workarounds to achieve functionality equivalent to what was present in your legacy platform.  Each of the FDMs should be reviewed and any impacts fully understood prior to deploying any of the code and moving into testing.

Please reach out to our support team for further guidance in addressing these platform differences.

##### Summary

|  | **FDMs** |
| --- | --- |
| # of total remarks | 0 |
| # of unique remarks | 0 |

##### Detail

| **Code** | **Description** | **Instances** |
| --- | --- | --- |
| [N/A](https://docs.snowconvert.com/snowconvert/) | N/A | N/A |

### 

### Errors, Warnings, & Issues (EWIs)

EWIs in the output code are generated by SnowConvert in places where full automation is not implemented, they require review and manual remediation. They typically produce a functional or runtime difference. The SnowConvert team uses internal metrics to classify EWIs based on how much effort, on average, it takes to correct the code.

| **LOW** | **MEDIUM** | **HIGH** | **CRITICAL** |
| --- | --- | --- | --- |
| The user may have to invest a low amount of manual effort to complete the conversion. | The user may have to invest a medium amount of manual effort to complete the conversion. | The user may have to invest a high amount of manual effort to complete the conversion. | Errors that cause exceptions in SnowConvert.  The user may have to invest a substantial amount of manual effort to complete the conversion. |

*For more information about EWIs, such as their severity and examples of each type, please visit our* [*documentation page*](https://docs.snowconvert.com/snowconvert/general/technical-documentation/issues-and-troubleshooting)

##### Parsing

#### SUMMARY

Total Unparsed Lines of Code:

|  | **CRITICAL** |
| --- | --- |
| # of occurrences | 0 |
| # of unique issues | 0 |

#### DETAIL

| **Error Code** | **Description** | **Instances** | **Severity** |
| --- | --- | --- | --- |
| [N/A](https://docs.snowconvert.com/snowconvert/) | N/A | N/A | N/A |

##### Other

#### SUMMARY

|  | **LOW** | **MEDIUM** | **HIGH** | **CRITICAL** |
| --- | --- | --- | --- | --- |
| # of occurrences | 0 | 0 | 0 | 0 |
| # of unique issues | 0 | 0 | 0 | 0 |

#### DETAIL

| **Error Code** | **Description** | **Instances** | **Severity** |
| --- | --- | --- | --- |
| [N/A](https://docs.snowconvert.com/snowconvert/) | N/A | N/A | N/A |

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### Missing Dependent Objects (MDOs)

Completeness Score (0-100)      0

Total Missing Object References 0

Unique Missing Object References       0

### 

### Performance Reviews (PRFs)

##### Summary

|  | **Informational** |
| --- | --- |
| # of remarks | 0 |
| # of unique remarks | 0 |

##### Detail

| **Code** | **Description** | **Instances** |
| --- | --- | --- |
| [N/A](https://docs.snowconvert.com/snowconvert/) | N/A | N/A |

*If you are using the full version of SnowConvert, you can find out the exact file and location of each error in the Issues Report in the output reports folder created by SnowConvert.*

## GLOSSARY

Visit the [glossary](https://docs.snowconvert.com/sc/general/review-results/reports#glossary) to understand the terminology used in multiple report documents generated by SnowConvert.