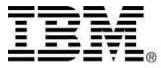


# IBM Database Conversion Workbench 5.0.1

## Teradata To NPS Quick Start Guide

Version: 1.0

Last Updated: Dec 01, 2021



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# Database Conversion Workbench (DCW)

## Teradata To NPS Support

### 1. Introduction

**Download DCW from –**

<https://www-01.ibm.com/marketing/iwm/platform/mrs/assets?source=swg-idcw>

Link to DCW community to get tutorials and samples \_

<https://community.ibm.com/community/user/hybriddatamanagement/communities/communityhome/recent-community-blogs?communitykey=582cbbdf-3409-4e35-b111f1c05ee59b99&tab=recentcommunityblogsdashboard>

### **DCW install on MacOS**

1. Double click on IBM\_DCW\_Full\_Client\_Mac\_5.0.1.dmg file and proceed with installation.
2. Once installed click on macOS Launcher and run DCW.

macOS related known issue:

Application blocked due to different/unidentified developer:

- You can grant an exception for a blocked app by clicking the "Open Anyway" button in the General pane of Security & Privacy preferences. This button is available for about an hour after you try to open the app.
- To change these preferences on your Mac, choose Apple menu > System Preferences, click Security & Privacy then click General.
- Once allowed, try to execute the DCW again.
- More Information: <https://support.apple.com/en-in/guide/mac-help/mh40616/mac>

## 2. Table & View Support in DCW

### 1. Launch DCW

On Launching DCW the DCW Launch screen is visible.

# IBM Database Conversion Workbench

Version 5.0.1

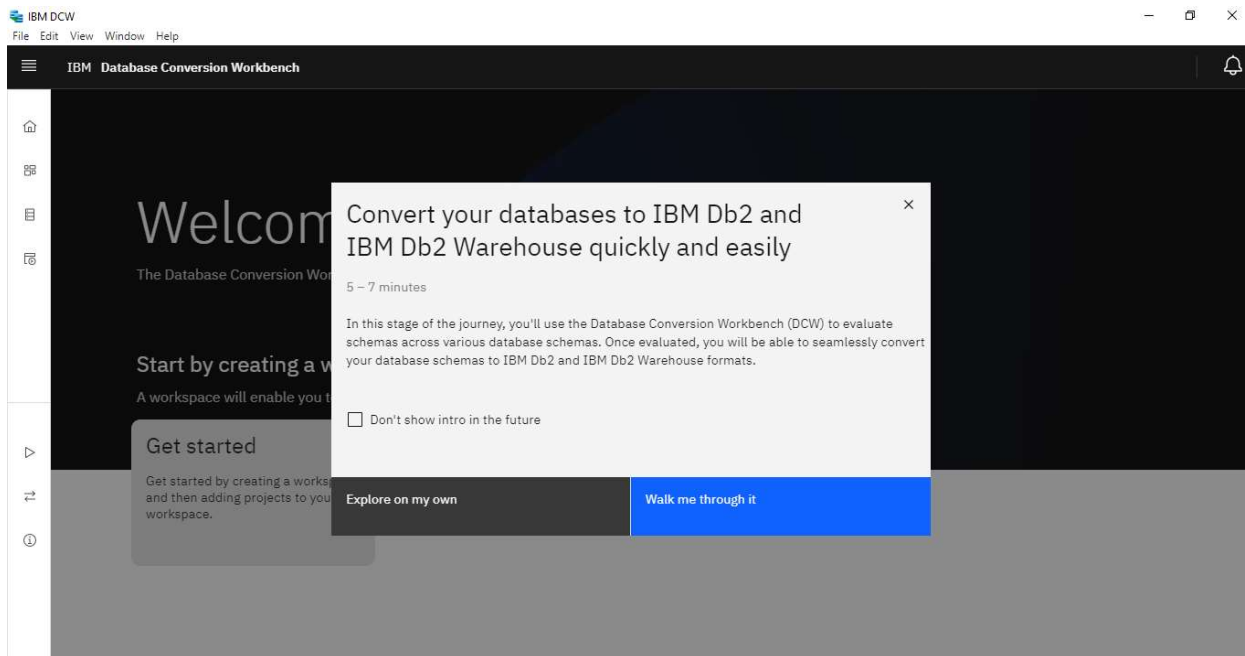
#### Pro tip:

It is often useful to split your DDL script, containing all of the database objects, into smaller files to simplify deployment and troubleshooting.

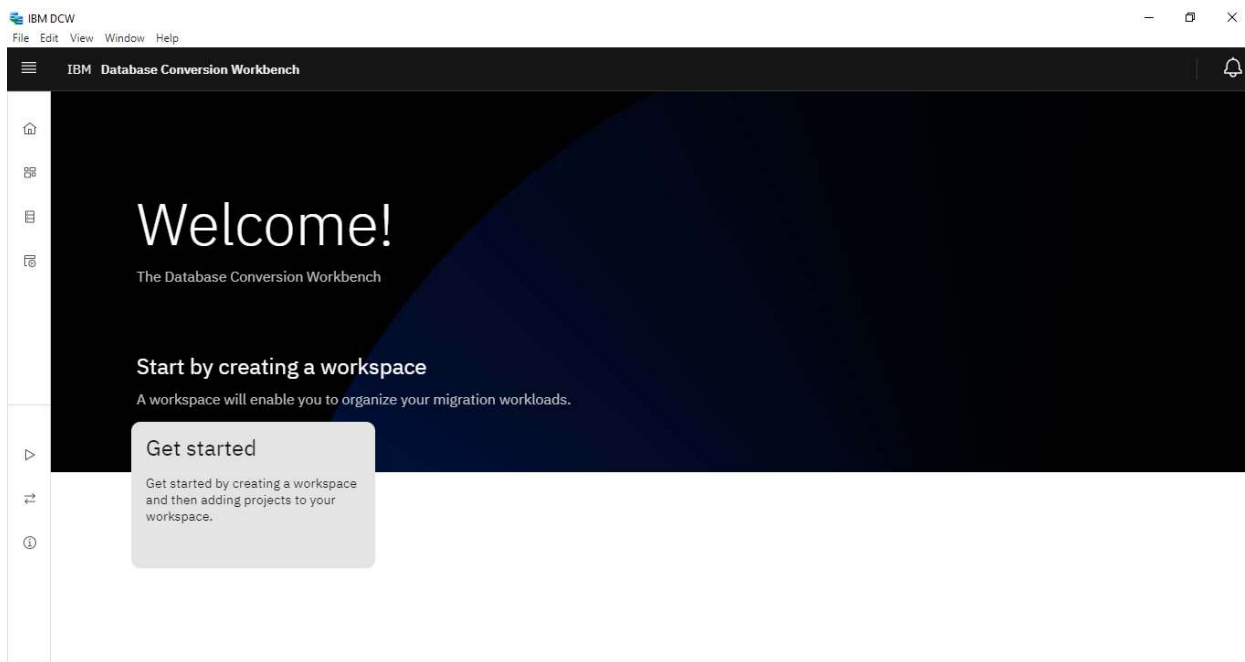


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On the welcome page an option for walk through of the product is available.

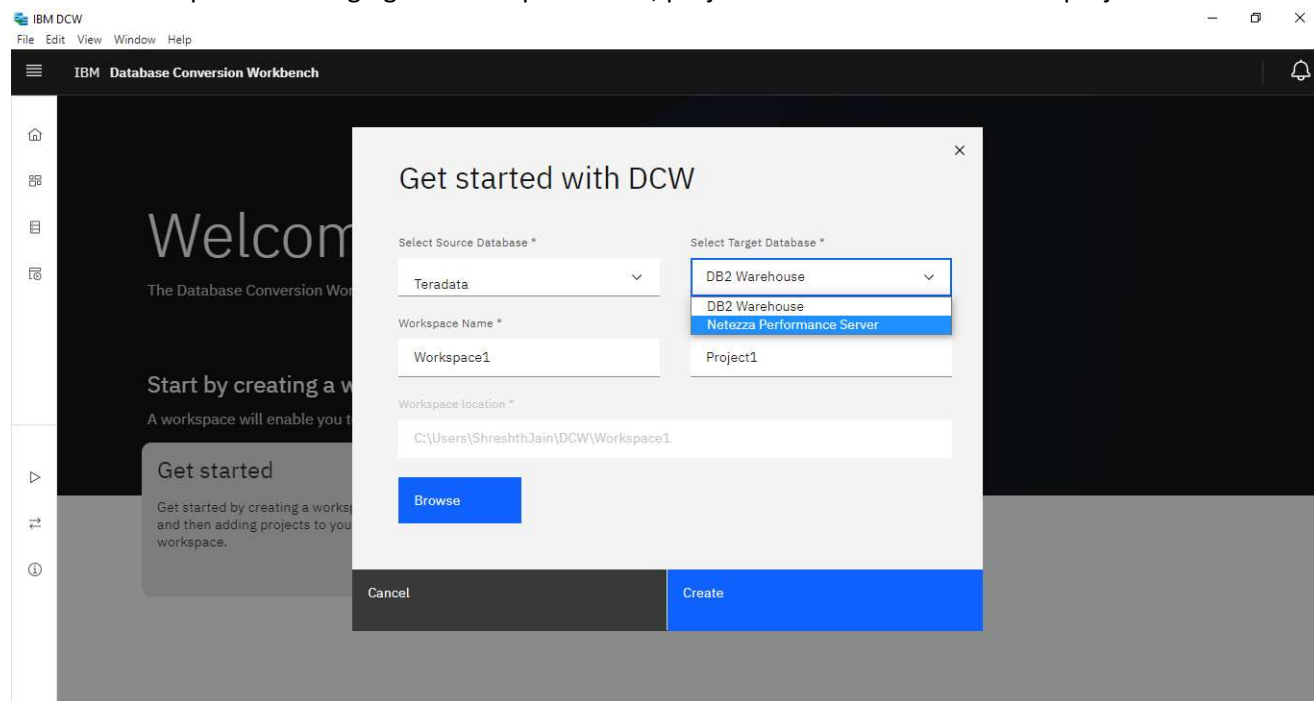


To create a project, user need to click on the Get started tab.

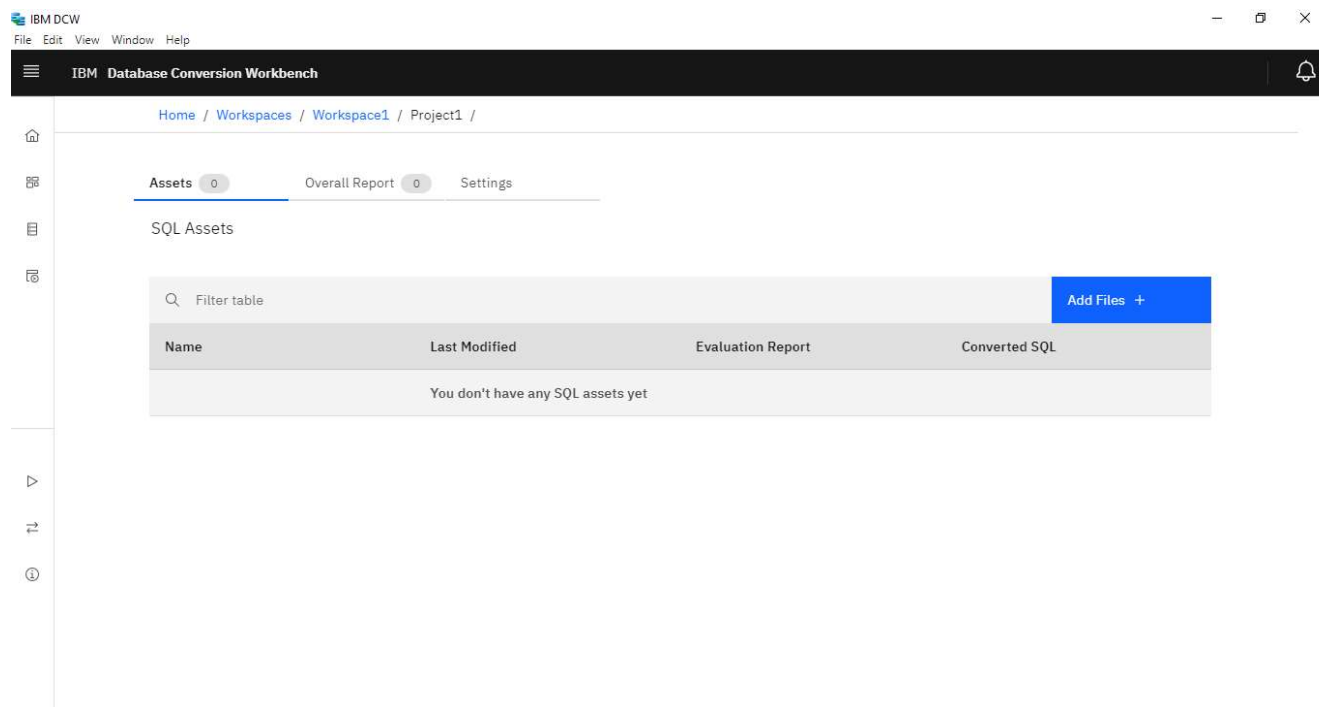


On clicking the tab, a window is popped where an option of selecting the source and target database is available. User can select the option from drop down of Oracle and Teradata for source and DB2 Warehouse or Netezza Performance server for Oracle.

User also has option of changing the workspace name, project name and location of the project.

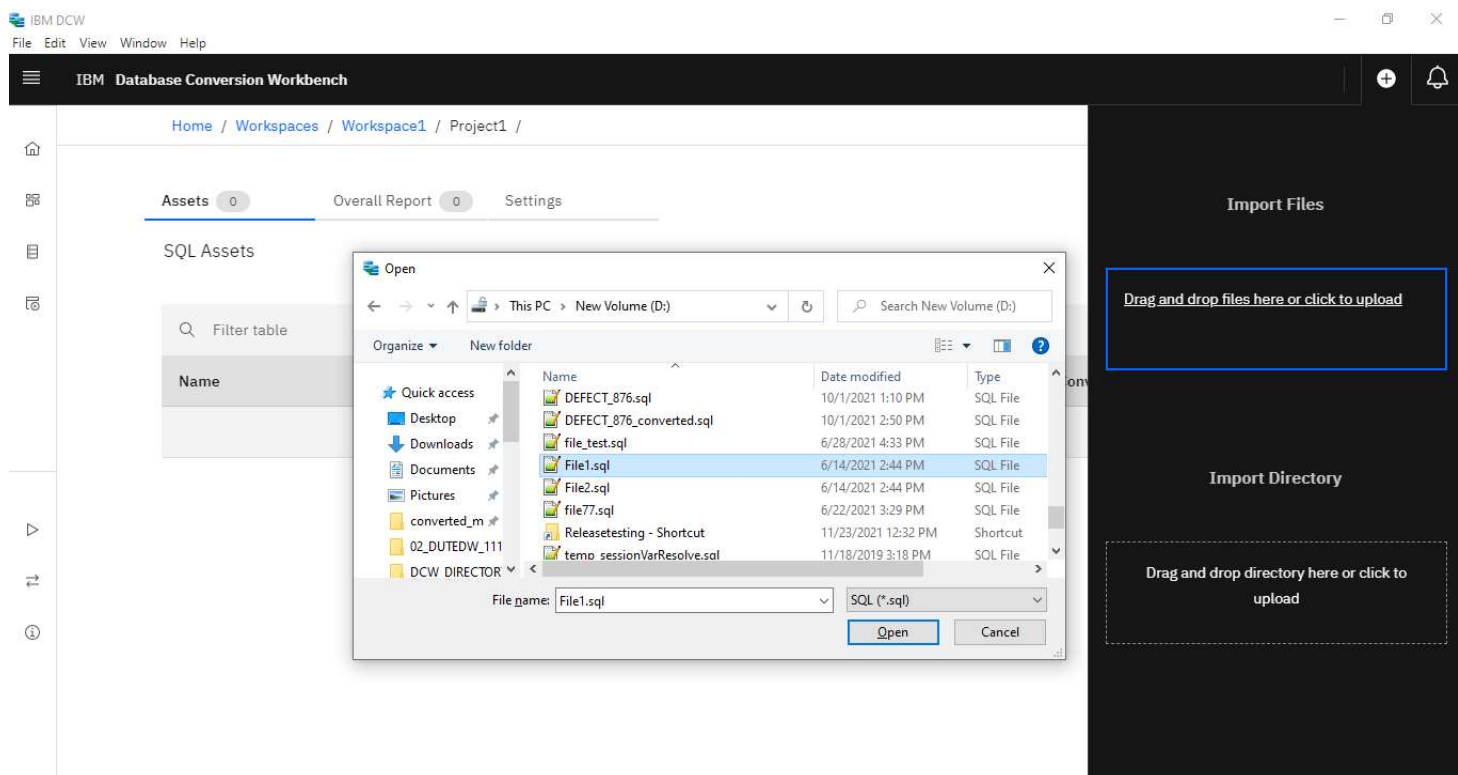
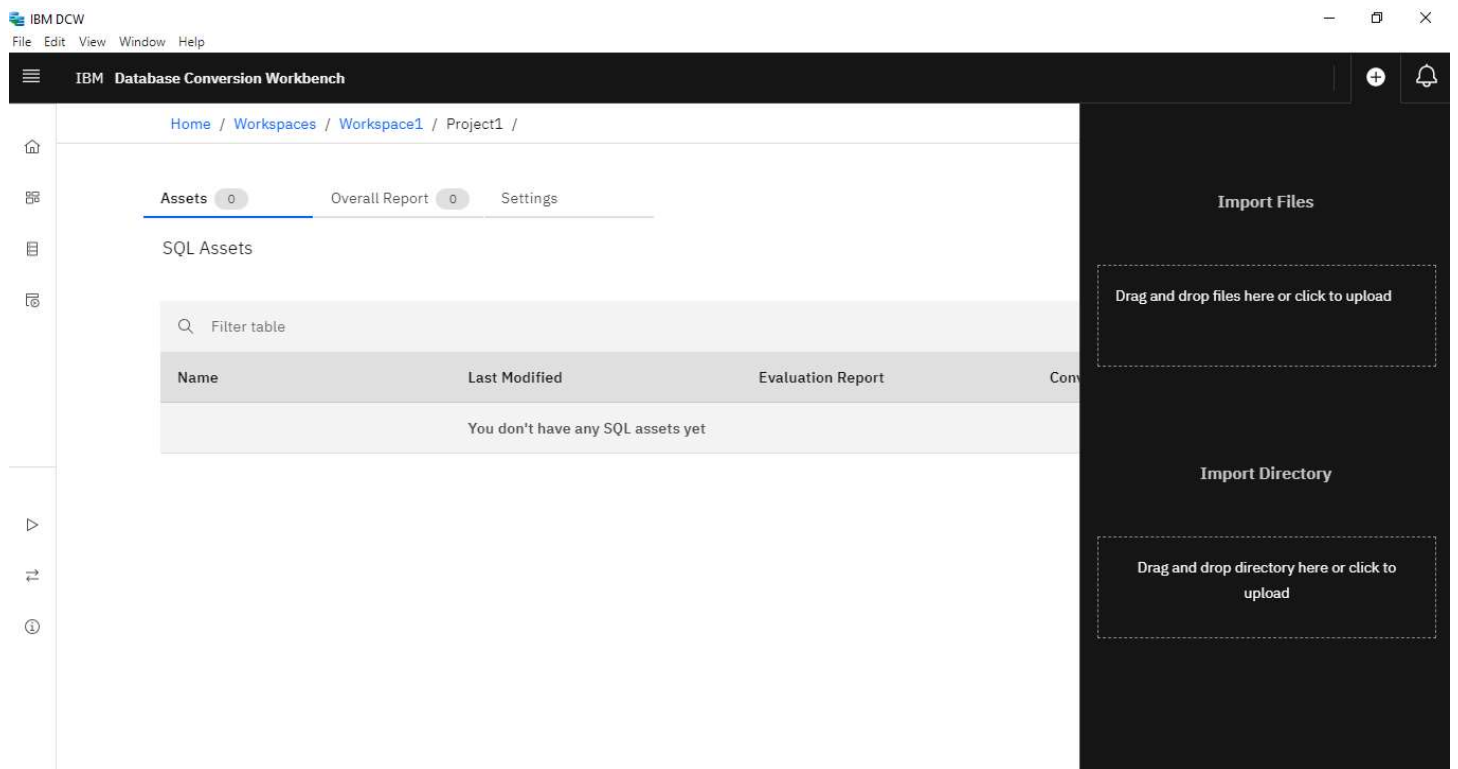


On clicking on create an project from Teradata to NPS will be created and the user lands at the Project page.



## 2.Import SQL

Click on the Add Files option and drag/drop/click files/folder using appropriate options provided.



A notification for success/failure is visible.

IBM DCW

File Edit View Window Help

IBM Database Conversion Workbench

Home / Workspaces / Workspace1 / Project1 /

Assets 1

Overall Report 0

Settings

SQL Assets

Filter table

Add Files +

<input type="checkbox"/>	Name	Last Modified	Evaluation Report	Converted SQL
<input type="checkbox"/>	SQL File1.sql	Jun 14, 2021 at 02:44 PM		

Items per page 5

1~1 of 1 items

1 of 1 pages

Import Files

Drag and drop files here or click to upload

Import Directory

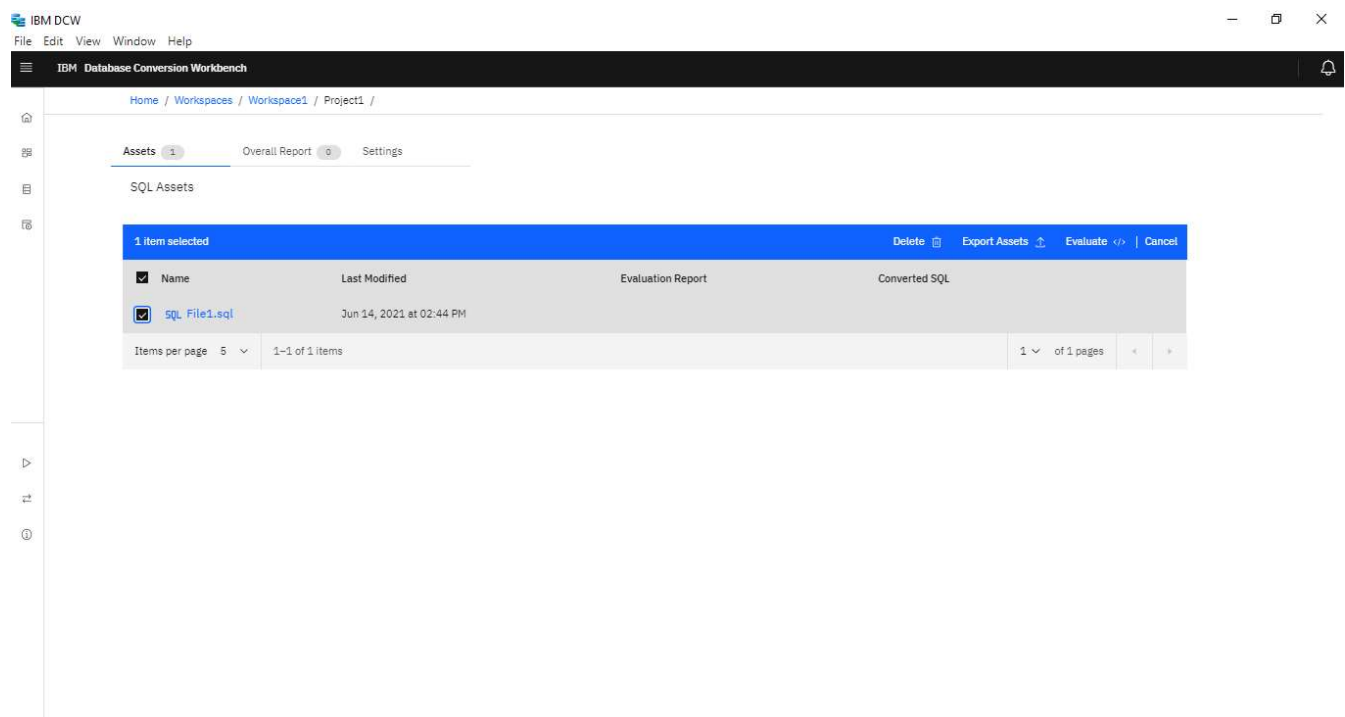
Drag and drop directory here or click to upload

Files Uploaded!

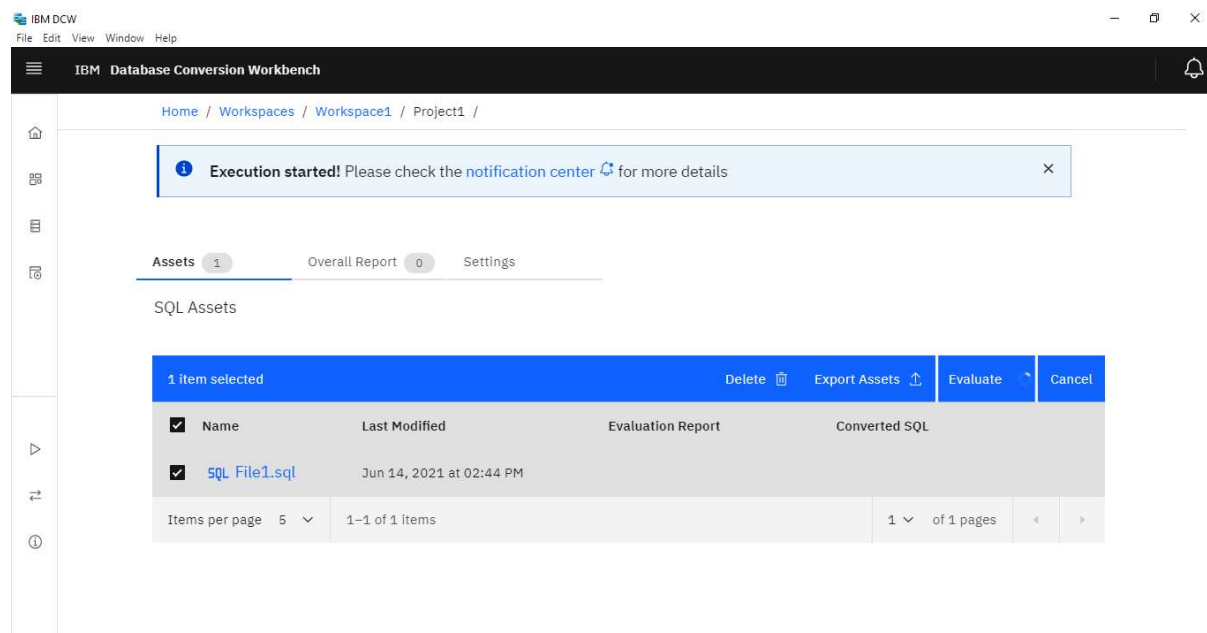


### 3. Evaluate Compatibility

From the imported SQL file select the file(s) to be evaluated and click on the option Evaluate.



Once the Execution is started a notification with the status of execution started/failed is visible.



User has option of looking into the notification panel for detailed execution/failure status available at top right.

The screenshot shows the IBM Database Conversion Workbench interface. On the right side, a notification panel is open, displaying a green message: "Finished evaluating File1.sql! Workspace1 > Project1" with a timestamp of "2:30:07 PM" and a "Dismiss" link. Above the message is a "Clear all" button. The main interface shows the "Assets" tab selected, with a table of "SQL Assets". The table has columns: Name, Last Modified, Evaluation Report, and Converted SQL. The first row shows "SQL File1.sql" with a timestamp of "Jun 14, 2021 at 02:44 PM" and links for "CSV" and "XLS" reports. The table is currently showing 1 of 1 items.

Once the Execution is finished icons for completion , evaluated report CSV and XLS files are visible which can be used to look into the different types of report generated.

The screenshot shows the IBM Database Conversion Workbench interface after execution. The "Assets" tab is selected, and the "SQL Assets" table is displayed. The table has columns: Name, Last Modified, Evaluation Report, and Converted SQL. The first row shows "SQL File1.sql" with a timestamp of "Jun 14, 2021 at 02:44 PM" and links for "CSV" and "XLS" reports. The table is currently showing 1 of 1 items. A blue "Add Files" button is visible in the top right corner of the table area.

IBM DCW  
File Edit View Window Help

IBM Database Conversion Workbench

Home / Workspaces / Workspace1 / Project1 /

Assets 1 Overall Report 0 Settings

SQL Assets

Filter table Add Files

<input type="checkbox"/>	Name	Last Modified	Evaluation Report	Converted SQL
<input type="checkbox"/>	SQL File1.sql	Jun 14, 2021 at 02:44 PM	<input checked="" type="checkbox"/> CSV XLS	

Items per page 5 1-1 of 1 items 1 of 1 pages

IBM DCW  
File Edit View Window Help

IBM Database Conversion Workbench

Home / Workspaces / Workspace1 / Project1 /

Assets 1 Overall Report 0 Settings

SQL Assets

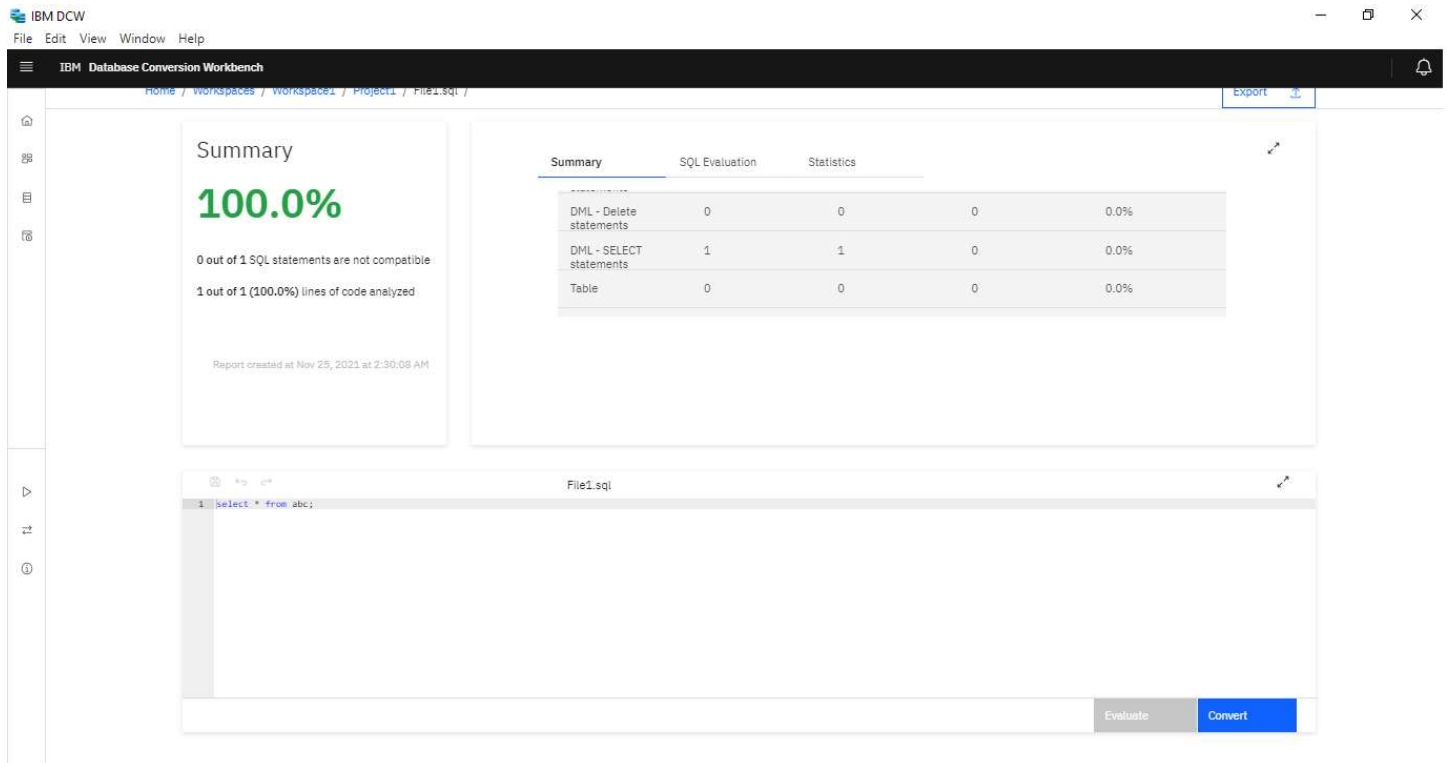
Filter table Add Files

<input type="checkbox"/>	Name	Last Modified	Evaluation Report	Converted SQL
<input type="checkbox"/>	SQL File1.sql	Jun 14, 2021 at 02:44 PM	<input checked="" type="checkbox"/> CSV XLS	

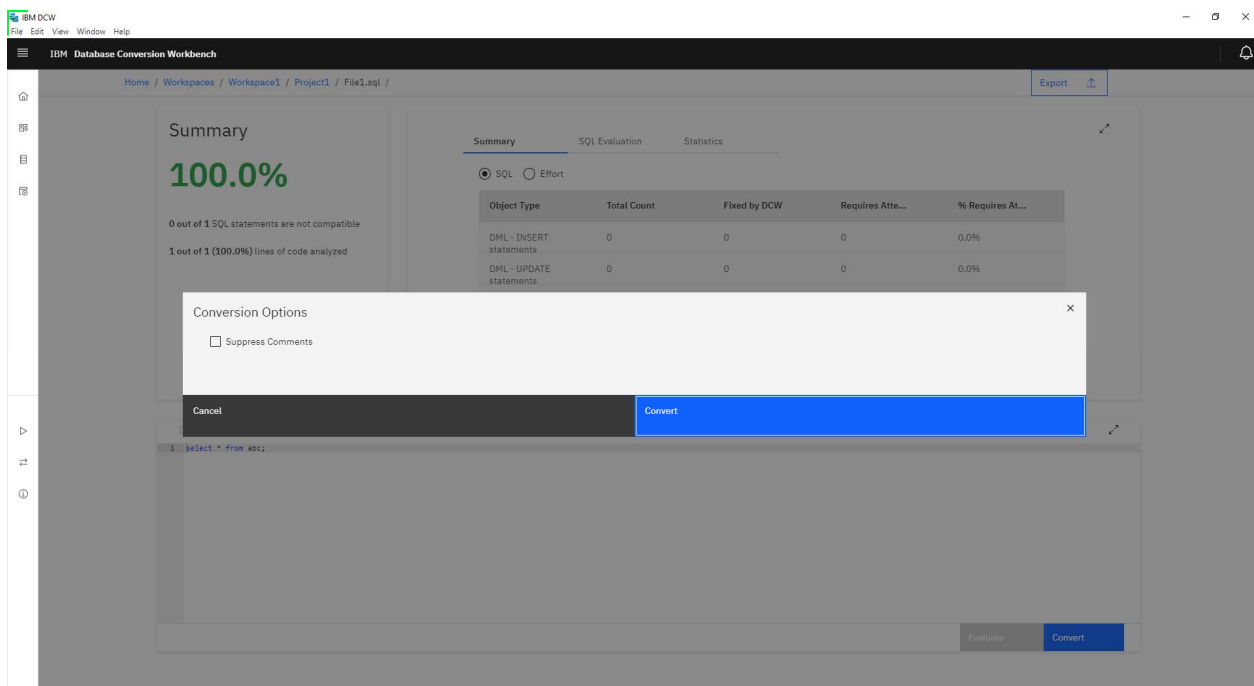
Items per page 5 1-1 of 1 items 1 of 1 pages

## 4. Convert the Code

On clicking the Evaluation report icon user lands on the report page. Option for Convert is available at the down right corner.



On clicking the Convert a window is popped up where the user can provide conversion options as required.



On clicking convert button the file is converted and is visible at the same page as seen below.

The screenshot displays the IBM Database Conversion Workbench (DCW) interface. The top menu bar includes 'File', 'Edit', 'View', 'Window', and 'Help'. The breadcrumb navigation shows 'Home / Workspaces / Workspace1 / Project1 / File1.sql'. An 'Export' button is visible in the top right.

The main content area is divided into three sections:

- Summary:** Displays a large green '100.0%' indicating full conversion. Below it, it states '0 out of 1 SQL statements are not compatible' and '1 out of 1 (100.0%) lines of code analyzed'. A note at the bottom says 'Report created at Dec 1, 2023, at 4:03:51 AM'.
- SQL Evaluation:** Contains a table with conversion statistics.
- Statistics:** Currently empty.

The 'SQL Evaluation' section has a radio button for 'SQL' (selected) and 'Effort'. The table below shows the following data:

Object Type	Total Count	Fixed by DCW	Requires Atte...	% Requires At...
DML - INSERT statements	0	0	0	0.0%
DML - UPDATE statements	0	0	0	0.0%
DML - Delete statements	0	0	0	0.0%
DML - SELECT statements	1	1	0	0.0%
Table	0	0	0	0.0%

At the bottom, there are two code editors:

- File1.sql:** Contains the SQL statement: `1 select * from acc;`
- File1\_converted.sql:** Contains the converted SQL statement with comments: `1 -- [CODE_CONVERSION] DCW VERSION 5.0.3  
2 -- [CODE_CONVERSION] SOURCE SYNTAX Teradata  
3 -- [CODE_CONVERSION] TARGET SYNTAX Netezza Performance Server  
4  
5 select * from acc;  
6`

Buttons for 'Evaluate' and 'Convert' are located at the bottom of the code editors.