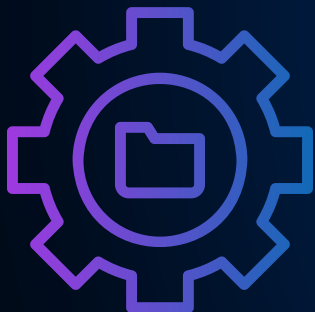


MASTERING SQL JOINS



DATASET CONFIGURATION GUIDE

DANE WADE

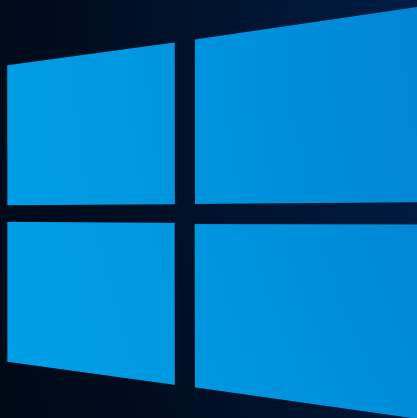
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The background of the page features decorative blue concentric circles. One set of circles is located in the bottom-left corner, and another set is in the middle-right area. The circles are composed of multiple concentric arcs of varying lengths, creating a dynamic, organic feel.

SECTION 1



DATASET CONFIGURATION ON WINDOWS

Thanks for downloading this valuable installation guide!

This comprehensive document consists of a detailed step-by-step plan to install the dataset backup on your SQL Server Instance.

This will allow you to practice SQL joins while you're learning the concepts present in the mastering SQL Joins book.

The practice questions present in the book also require this dataset. Therefore this dataset serves as an essential resource to install this dataset smoothly.

PREREQUISITES BEFORE CONFIGURATION

1) To install this dataset in your SQL server, you must have `db_owner` rights.

2) only use `'sa'` or equivalent accounts while attempting backup and restore of the database file.

STEP-BY-STEP INSTALLATION

Please follow the step-by-step plan to install this in your system smoothly:

STEP 1)

Go to the git repository and download the database backup file (*Mastering_SQL.bak*) present in the below git repository:

https://github.com/dataceps/Mastering_SQL_Joins

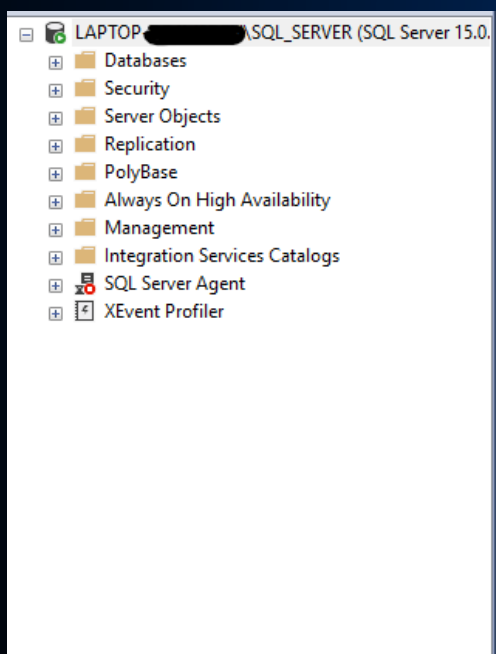


STEP 2)

Open SQL Server Management studio (SSMS) in your machine.

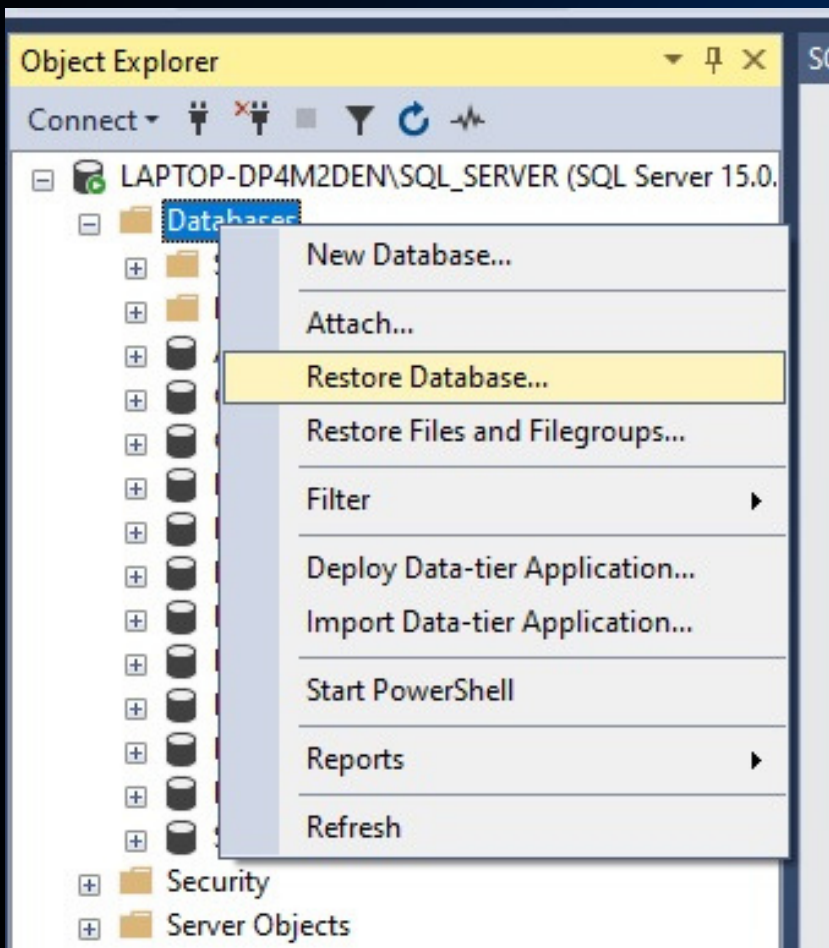
STEP 3)

Connect to the database engine in SQL Server Management Studio.



STEP 4)

Right click on the database node and click on the “Restore Database” node



STEP 5)

Select the source option as “Device”

Select a page

- General
- Files
- Options

Connection

VER [LAPTOP-XXXXXX] SQL_SER

[View connection properties](#)

Progress

Ready

Script ? Help

Source

☐ Database:

☒ Device:

Database:

Destination

Database:

Restore to: Timeline...

Restore plan

Backup sets to restore:

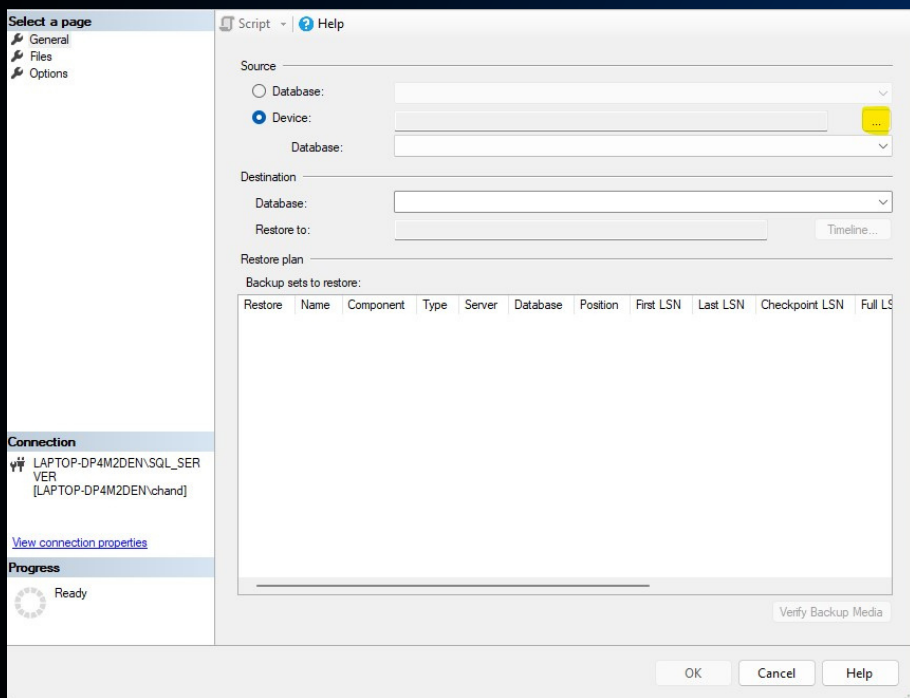
Restore	Name	Component	Type	Server	Database	Position	First LSN	Last LSN	Checkpoint LSN	Full LSN
---------	------	-----------	------	--------	----------	----------	-----------	----------	----------------	----------

Verify Backup Media

OK Cancel Help

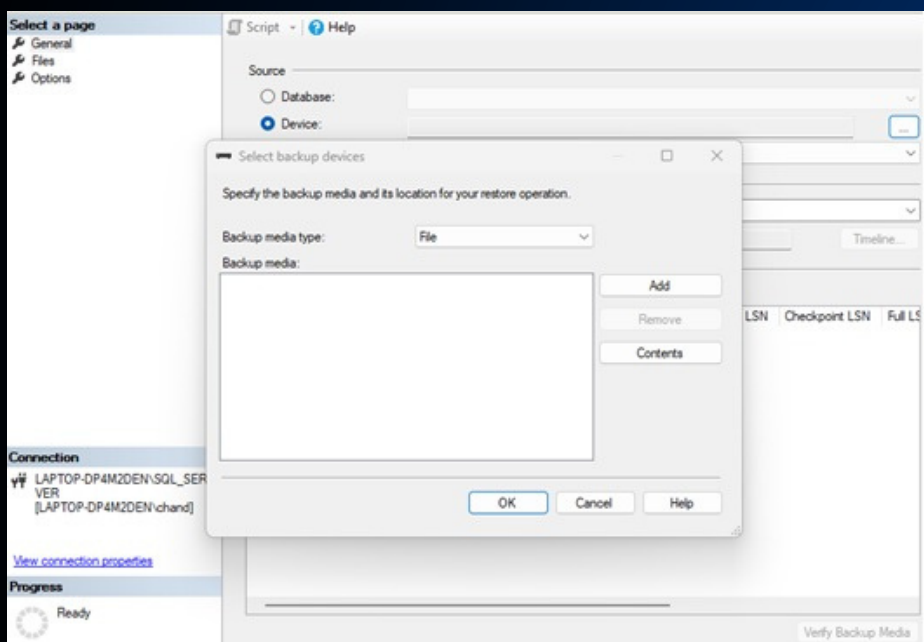
STEP 6)

Click on the ellipsis and then a popup will appear.

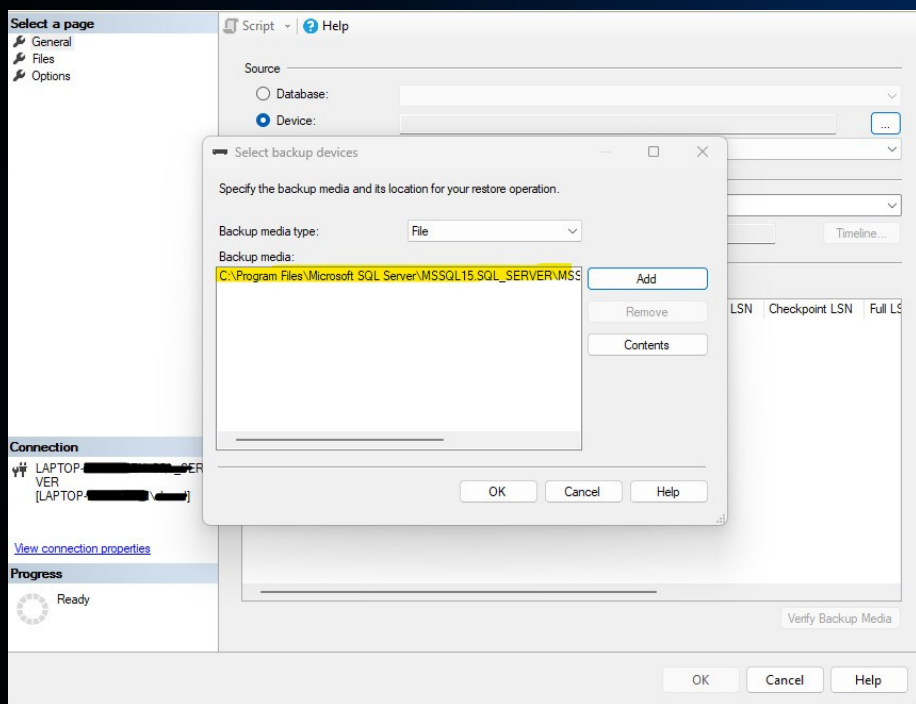


STEP 7)

Click on “Add” button and locate the backup file (*Mastering_SQL.bak*) on your system



After locating the backup file, press on OK button.



STEP 8)

Click on “Add” button and locate the backup file (*Mastering_SQL.bak*) on your system

Select a page

- General
- Files
- Options

Script ? Help

Source

☐ Database:

☒ Device: C:\Program Files\Microsoft SQL Server\MSSQL15.SQL_SERVER\MSSQL\Backup\Mastering_SQL.bak

Database: Mastering_SQL

Destination

Database: Mastering_SQL

Restore to: The last backup taken (26 May 2023 02:07:46) Timeline...

Restore plan

Backup sets to restore:

Restore	Name	Component	Type	Server	Database
<input checked="" type="checkbox"/>	Mastering_SQL-Full Database Backup	Database	Full	LAPTOP-VER [LAPTOP-VER\chand]	Mastering_SQL

View connection properties

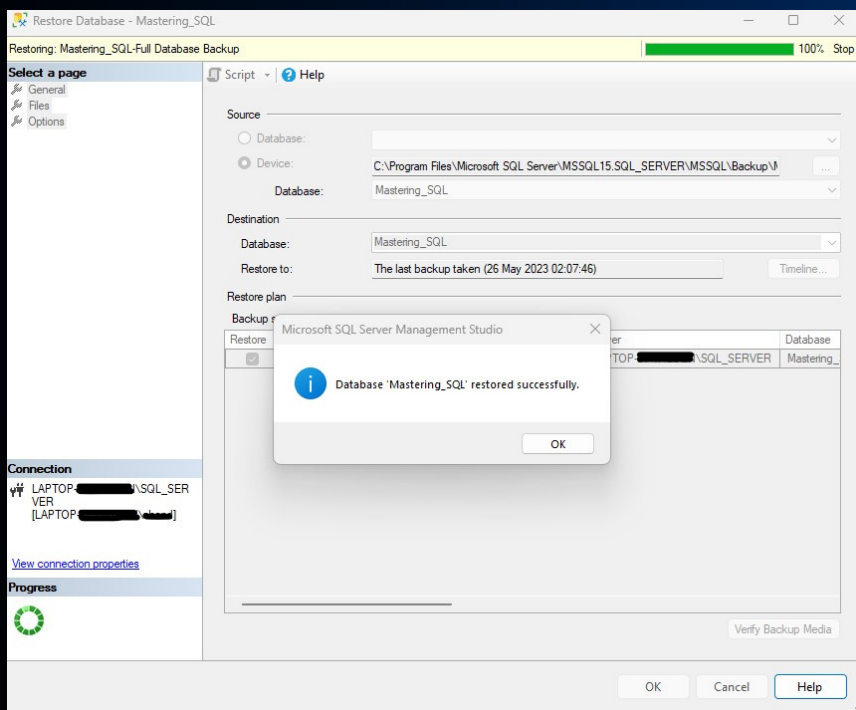
Progress

Done

Verify Backup Media

STEP 9)

Finally click on the OK button and restore this dataset backup in your SQL server. The database name will appear as Mastering SQL in your SQL Server.



After the successful loading of the dataset in your SQL server, please re-visit the book mastering SQL Joins and continue your learning.

See you there!
Dane



SECTION 2



DATASET CONFIGURATION ON MAC

Thanks for downloading this valuable installation guide!

This comprehensive document consists of a detailed step-by-step plan to install the dataset backup on your SQL Server Instance.

This will allow you to practice SQL joins while you're learning the concepts present in the mastering SQL Joins book.

The practice questions present in the book also require this dataset. Therefore this dataset serves as an essential resource to install this dataset smoothly.

STEP-BY-STEP INSTALLATION

Please follow the step-by-step plan to install this in your system smoothly:

STEP 1)

Go to the git repository and download the database backup file (*Mastering_SQL.bak*) present in the below git repository:

https://github.com/dataceps/Mastering_SQL_Joins



STEP 2)

Open Azure data studio on your *MAC*.

STEP 3)

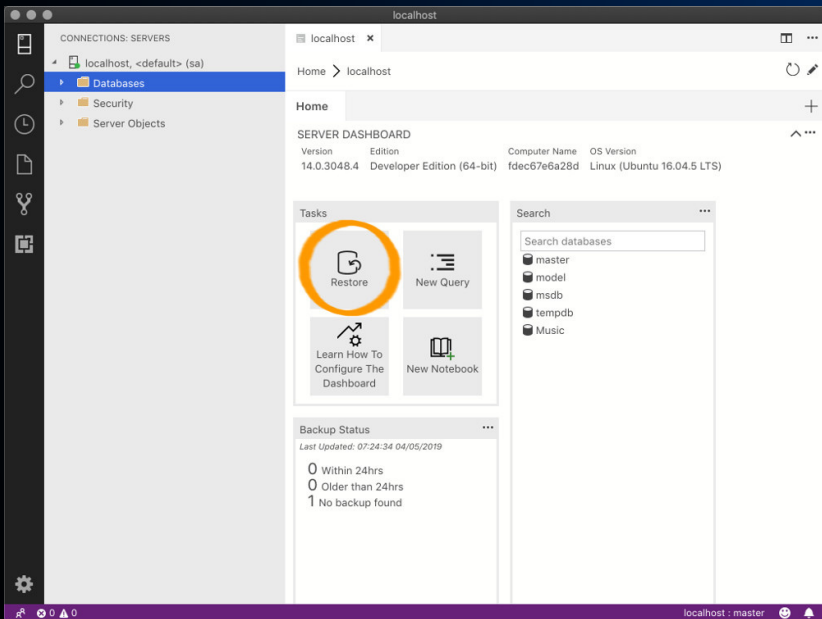
Click on the "New Connection" button in the Azure Data Studio toolbar or select "New Connection" from the "Connections" menu.

STEP 4)

Open Azure data studio on your MAC.

STEP 5)

Click the Restore button on the Server Dashboard



STEP 6)

Select Backup file from the first dropdown menu. Then click the ellipsis (...) to open the file explorer.

localhost

Restore database - localhost

General Files Options

Source

Restore from: Backup file

Backup file path: Please enter one or more file paths separated by commas

Database:

Destination

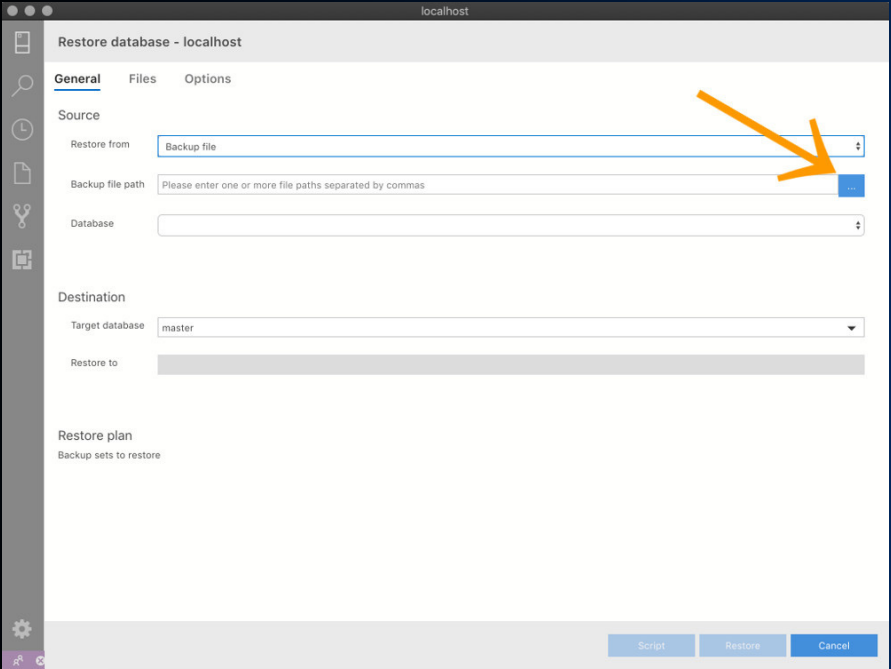
Target database: master

Restore to:

Restore plan

Backup sets to restore

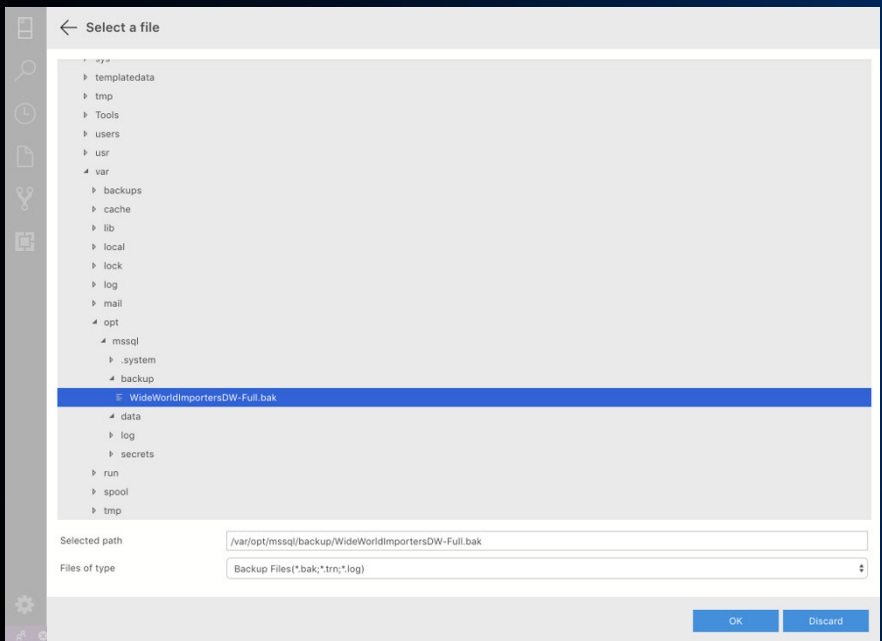
Script Restore Cancel



STEP 7)

Navigate to the *Mastering_SQL.bak* file, select it, then click OK.

(In the below screenshot example the .bak file selected is a different one. However, you need to navigate and select the *Mastering_SQL.bak* file)



STEP 8)

Click Restore to initiate the installation of dataset.

Restore database - localhost

General Files Options

Source

Restore from: Backup file

Backup file path: /var/opt/mssql/backup/WideWorldImportersDW-Full.bak

Database: WideWorldImportersDW

Destination

Target database: WideWorldImportersDW

Restore to: The last backup taken (Wednesday, 08 June 2016 10:29:58)

Restore plan

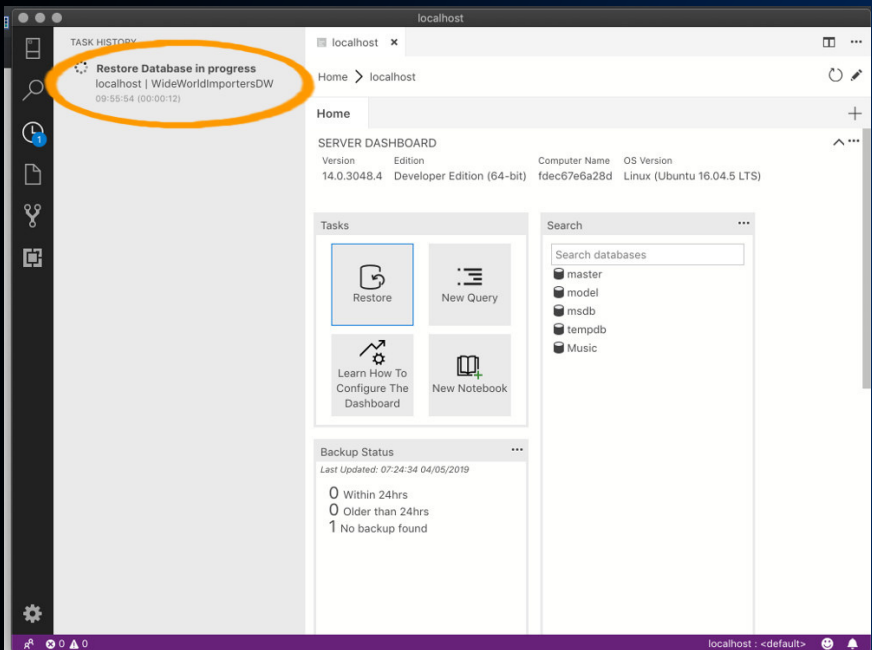
Backup sets to restore

R...	Name	Type	Comp...	Server	Datab...	Position	First L...	Last L...	Full LSN	Check...	Start...	Finish...	Size	User N...	Expirat...	Id
1	WideW...	Database	Full	HKDEM...	WideW...	1	64000...	64000...	64000...	64000...	06/08/...	06/08/...	24365...	sa		b94f1d...

Script Restore Cancel

STEP 9)

Watch the Task History bar for the restore to complete. Should only take a minute or two.



STEP 9)

Once the restore is complete, click the Servers icon at the top left of Azure Data Studio's interface. Your new database should appear in the list of databases (you might need to refresh the list by right-clicking on Databases and selecting Refresh).

After the successful loading of the dataset in your SQL server, please re-visit the book mastering SQL Joins and continue your learning.

See you there!

Dane



Mac Installation Image Courtesy:

<https://www.quackit.com/>

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