# Extraction Via SQL Server Management Studio (SSMS)

SQL Server Management Studio (SSMS) is only available for Windows. Go to the next section for Mac OS and Linux.

1. Open SSMS.
2. Connect to the desired server and server instance with credentials that allow visibility of the desired database(s).
3. In the main SSMS window, open **Object Explorer** if not already opened.
4. In the Object Explorer pane, expand **Databases** if not already expanded.
5. Right-click on the desired database and select **Tasks -> Generate Scripts...**
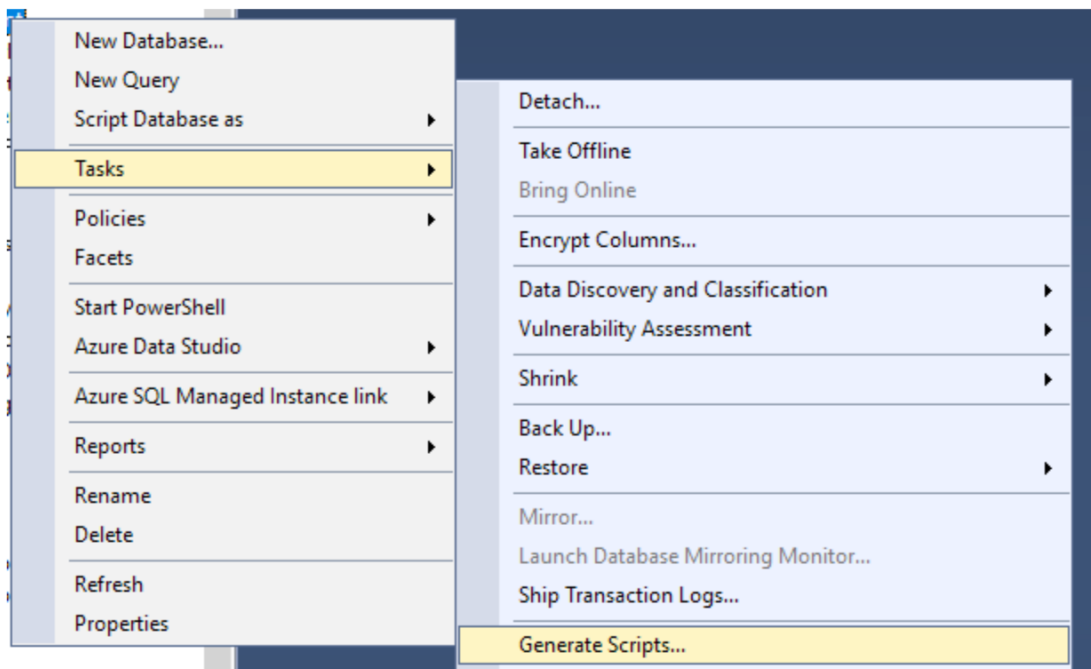
6. If the Introduction page of the Generate Scripts dialog is shown, click **Next >**. Otherwise, proceed to the next step.
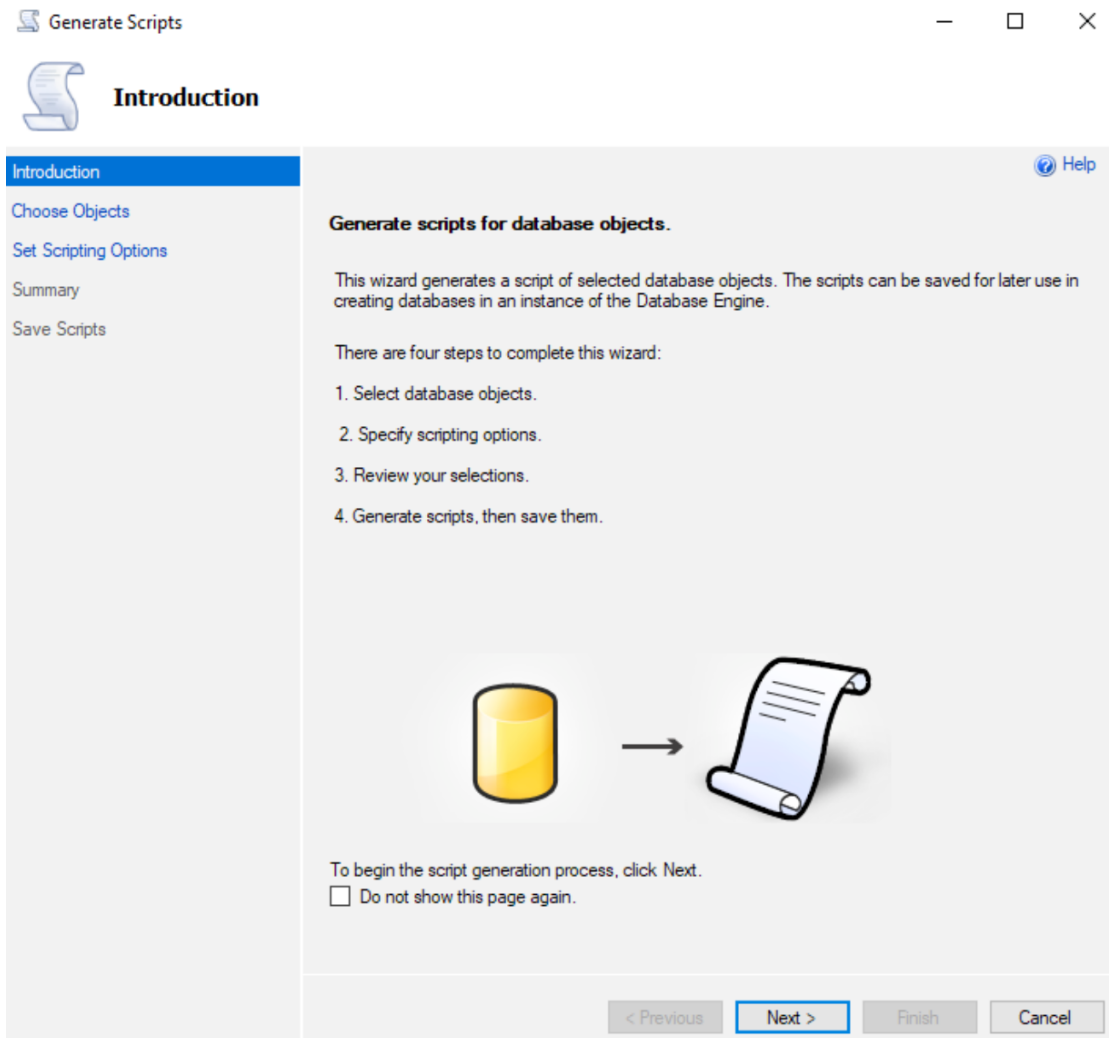
7. On the Choose Objects page of the Generate Scripts dialog:
   a. Select the **Select specific database objects** radio button and put a **check** in all the database object type **checkboxes** displayed **EXCEPT Users** (NOTE: the list of database object types presented depends on the presence of database objects in the chosen database. Thus, your list of database object types may look different. Just select all database object types EXCEPT Users).
   b. Click **Next >**
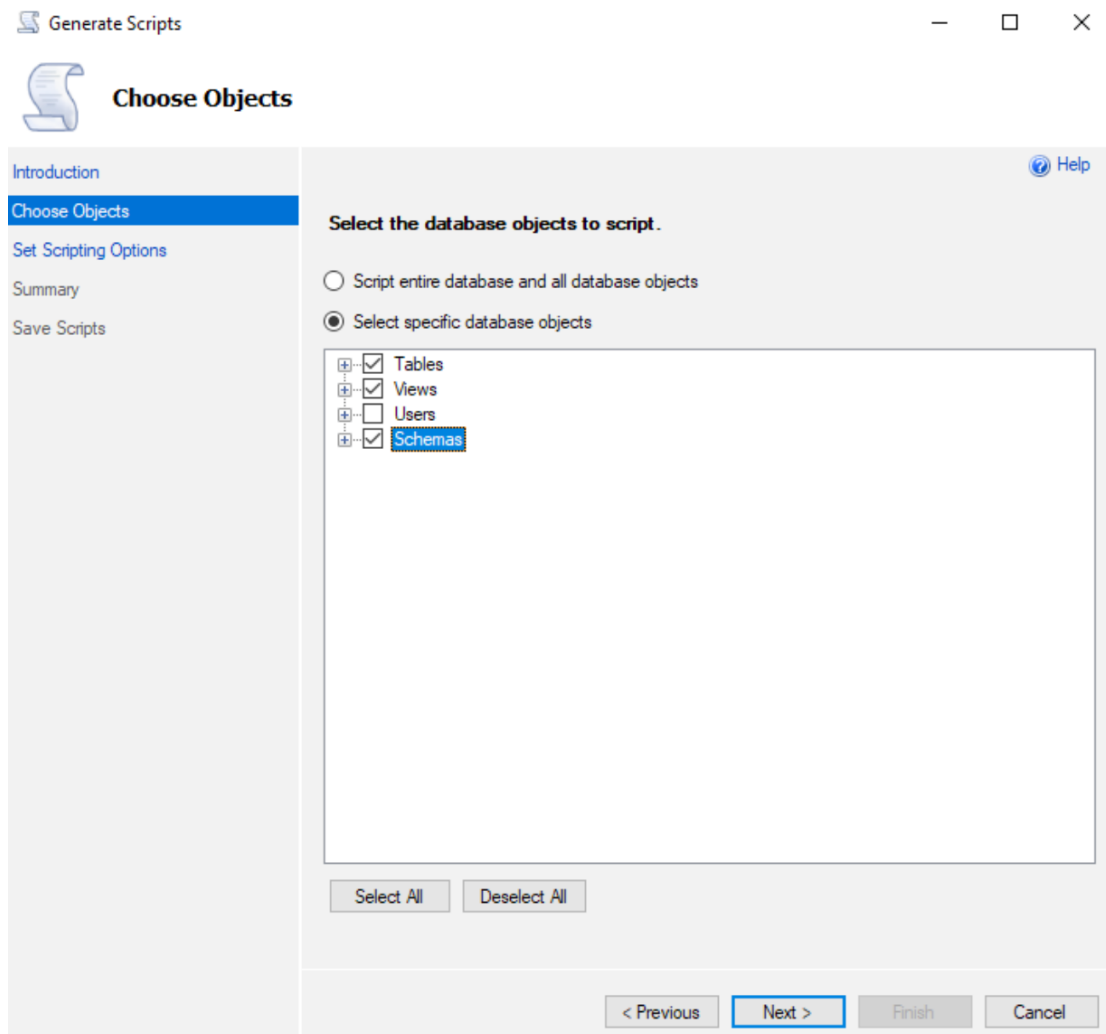
8. On the Set Scripting Options page of the Generate Scripts dialog:
    a. Click the **Save as script file button** and **One script file per object**

b. Click the **Advanced** button.
   i. In the Advanced Scripting Options dialog box, make sure the following Options are set as indicated, keeping the default for all other Option
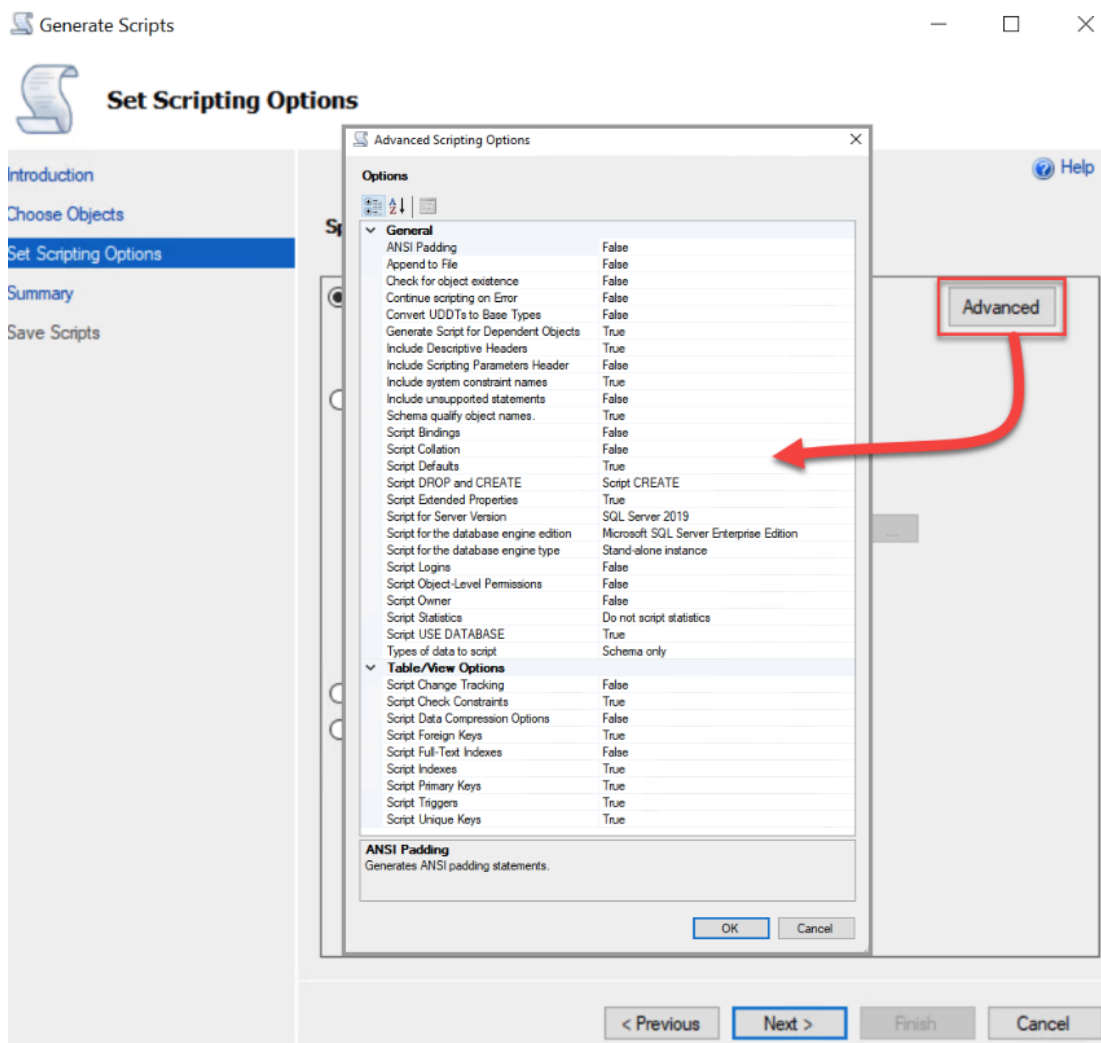

Section	Setting	Value
General	Include System Constraint names	True
	Script Extended Properties	True
Table/View Options	Script Indexes	True
	Script Triggers	True

ii.   When done, click **OK** to return to the Set Scripting Options window of the Generate Scripts dialog.

   c. Select the **Save as script file** radio button.

   d. Click the **ellipsis** (...) to the right of the File name: field.

   e. Navigate to a suitable location, enter a descriptive value (e.g., **<server_name>_<instance_name>_<database_name>**) in the File Name: field, and click **Save**.

   f. Select the **ANSI text** radio button.

   g. Click **Next >**.

9. On the Summary page of the Generate Scripts dialog, confirm the settings are correct and click **Next >** when ready to start the extraction (i.e., the extraction will commence when you click **Next >**). The Save Scripts page will appear and will show the extraction progress.
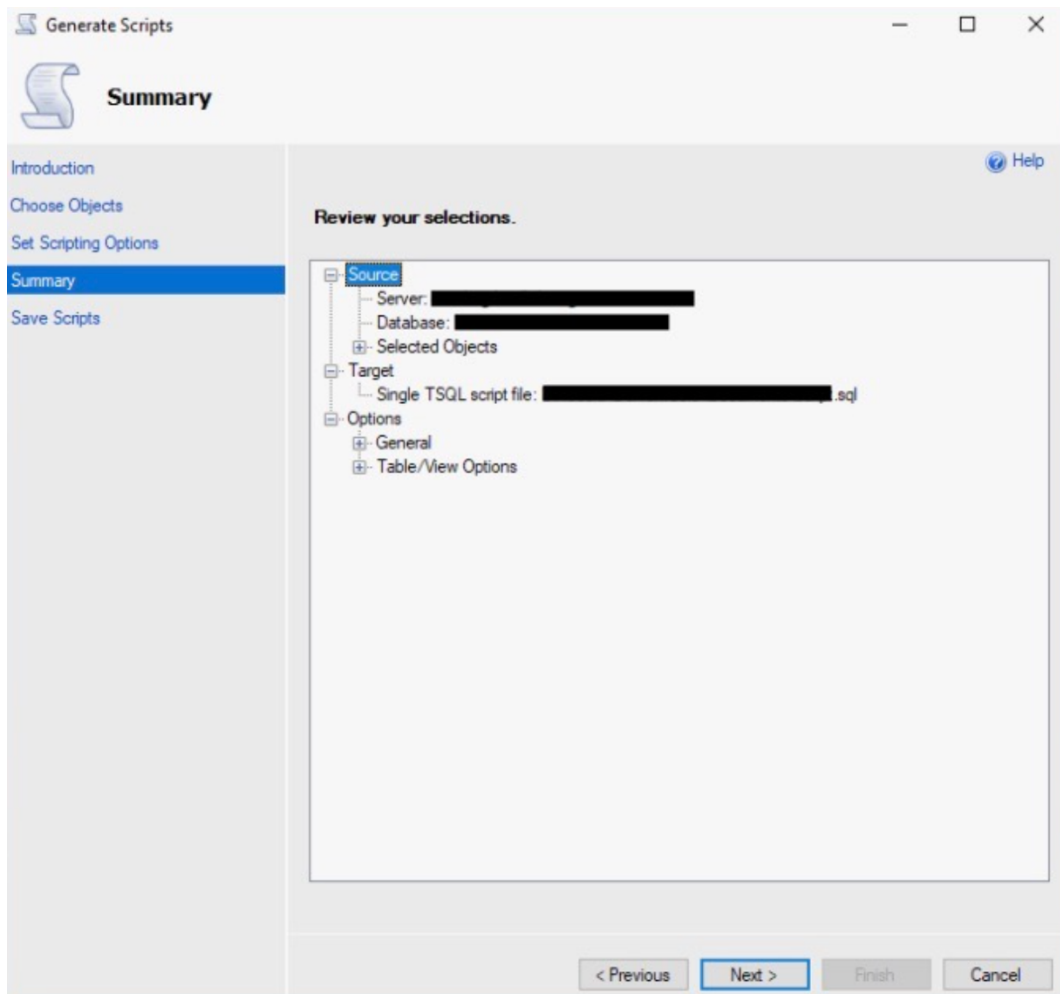
10. On the Save Scripts page of the Generate Scripts dialog box (not shown), confirm all Results were Success and click **Finish**.
11. Repeat steps 5 through 10 for each desired database (using a different file name for each). When all databases have been extracted successfully, proceed to the next step.
12. Transmit the resulting file(s) to Snowflake for further analysis.