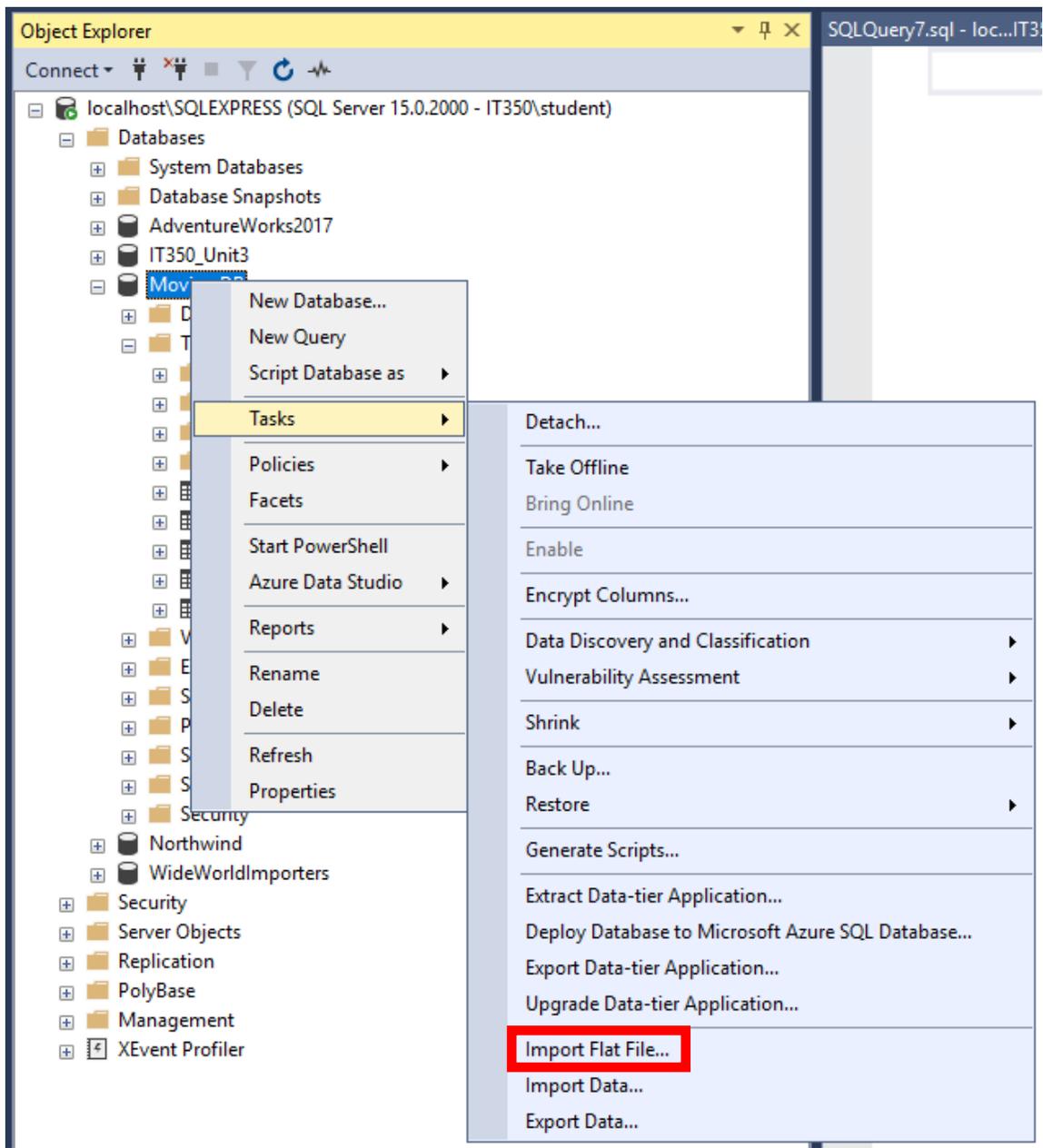
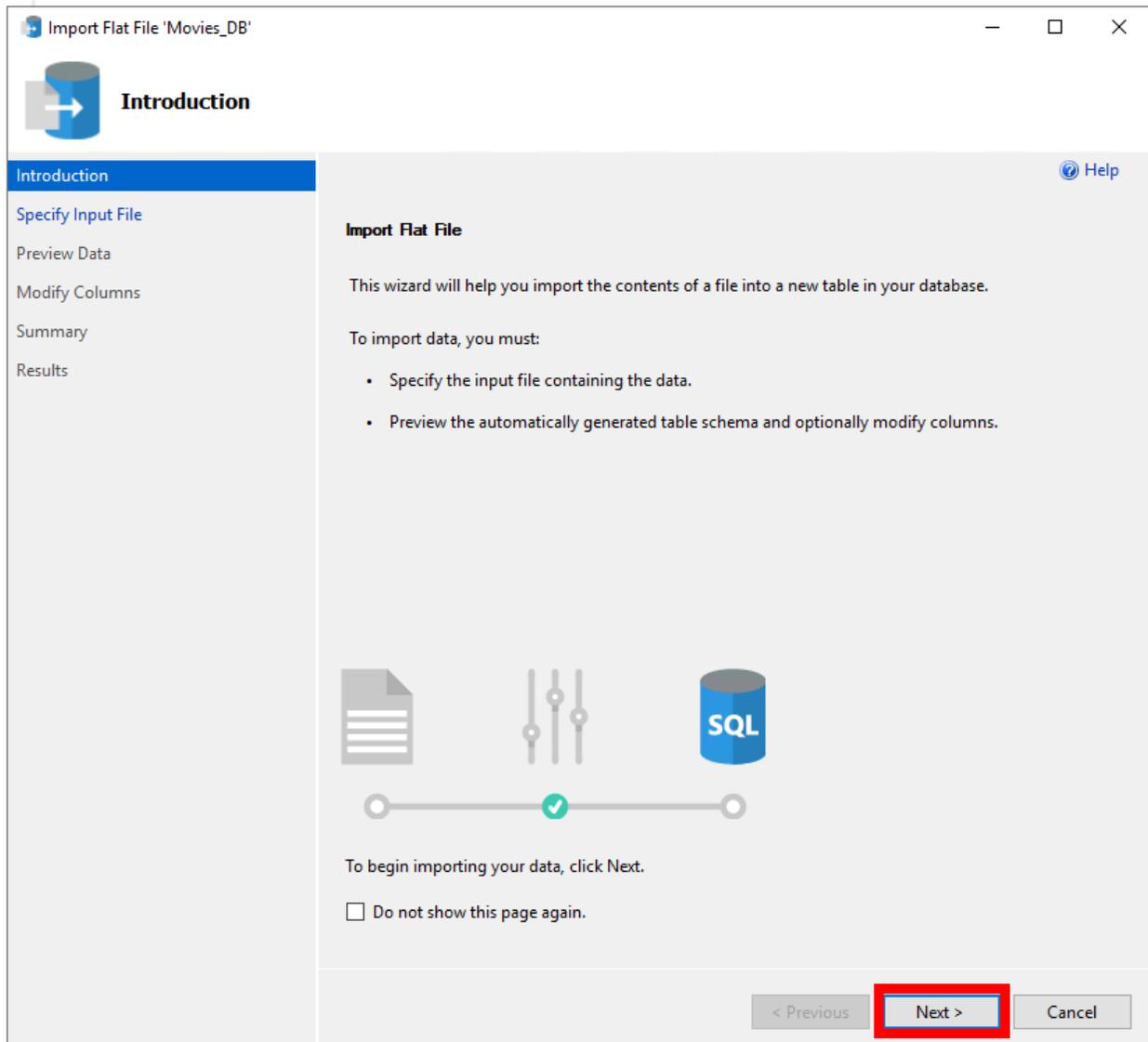


# Instructions for Importing the Movies Flat File Dataset

- [1] Download the **Movies\_Import\_Temp.csv** file to an accessible location on your computer. Open the Microsoft SQL Server Management Suite (SSMS) application. Right-click on the **Movies\_DB** database in the *Object Explorer* list. Select **TASKS**→**IMPORT FLAT FILE** from the right-click menu.



[2] Click on the NEXT button in the *Introduction* screen.



[3] In the *Specify Input File* screen, click on the BROWSE button.

Import Flat File 'Movies\_DB'

**Specify Input File**

Introduction

**Specify Input File**

Preview Data

Modify Columns

Summary

Results

**Specify Input File**

This operation will create a table from your input file.

Location of file to be imported

**Browse...**

New table name:

Table schema:

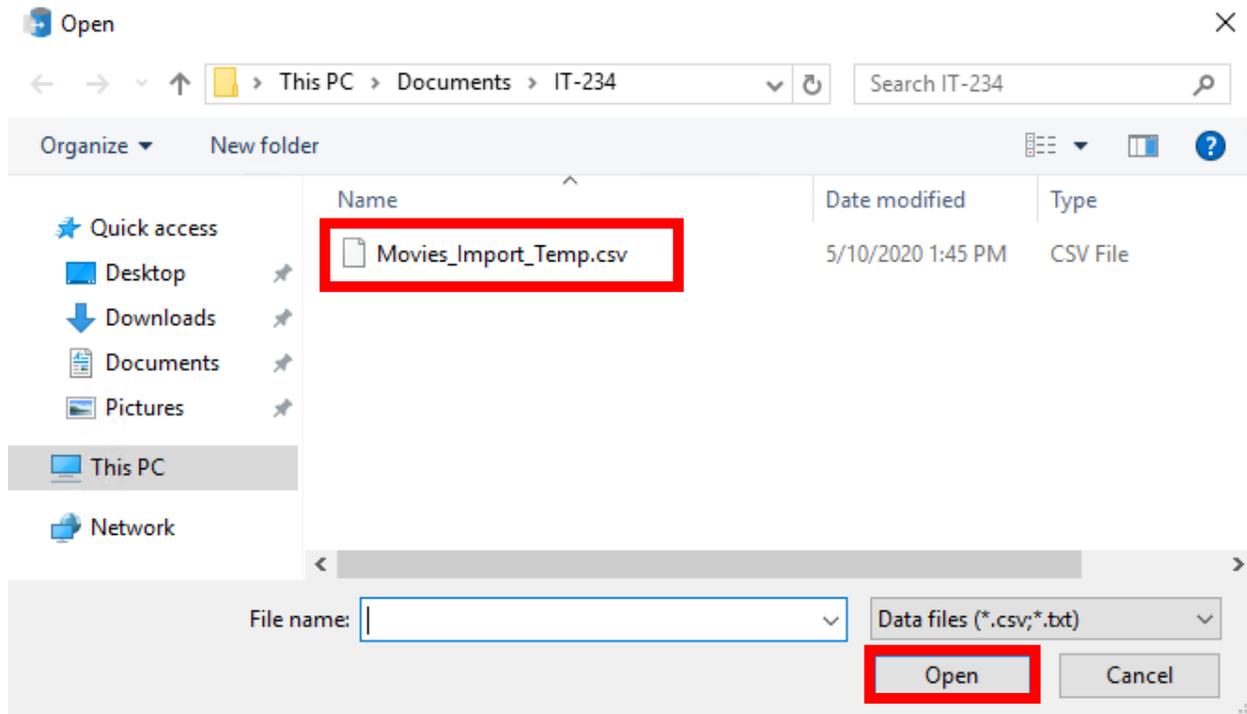
dbo

< Previous

Next >

Cancel

- [4] An open file dialog will appear. Navigate to the location of the **Movies\_Import\_Temp.csv** file on your computer. Select the file and then click the OPEN button.



- [5] The selected file will appear in the *Location of file to be imported* field. The *New table name* field should now show **Movies\_Import\_Temp** as the table that will store the imported data. Click on the NEXT button to continue.

Import Flat File 'Movies\_DB' — □ ×

**Specify Input File**

Introduction Help

**Specify Input File**  
This operation will create a table from your input file.

Location of file to be imported

New table name:

Table schema:

< Previous **Next >** Cancel

- [6] The **Preview Data** screen will appear. The data should look similar to what is presented below. Click on the NEXT button to continue.

**Preview Data**

This operation analyzed the input file structure to generate the preview below for up to the first 50 rows.

Title	Director_FirstNan	Director_LastNan	Genre	Star_FirstName	Star_La
Arsenic and Ol...	Frank	Capra	Comedy	Cary	Grant
Mr. Smith Goes...	Frank	Capra	Drama	James	Stewart
Meet John Doe	Frank	Capra	Comedy	Gary	Cooper
The Caine Muti...	Edward	Dmytryk	Drama	Humphrey	Bogart
The African Qu...	John	Huston	Action	Humphrey	Bogart
Casablanca	Michael	Curtiz	Drama	Humphrey	Bogart
The Comanche...	Michael	Curtiz	Action	John	Wayne
King Creole	Michael	Curtiz	Drama	Elvis	Presley
White Christmas	Michael	Curtiz	Comedy	Bing	Crosby
Pennies From ...	Norman Z.	McLeod	Comedy	Bing	Crosby
Going My Way	Leo	McCarey	Comedy	Bing	Crosby
Critics Choice	Don	Weis	Comedy	Bob	Hope
The Ghost Brea...	George	Marshall	Comedy	Bob	Hope
Mary Scotland	John	Ford	Biography	Katharine	Hepburn
The Philadephi...	George	Cukor	Comedy	Cary	Grant
My Fair Lady	George	Cukor	Musical	Audrey	Hepburn
Breakfast at Tiff...	Blake	Edwards	Comedy	Audrey	Hepburn

Use Rich Data Type Detection - may provide a closer type fit. However, cells with anomalous values may be dropped.

< Previous   **Next >**   Cancel

[7] The **Modify Columns** screen will appear. The attribute names and types should be similar to what is presented below. Click on the NEXT button to continue.

**Modify Columns**

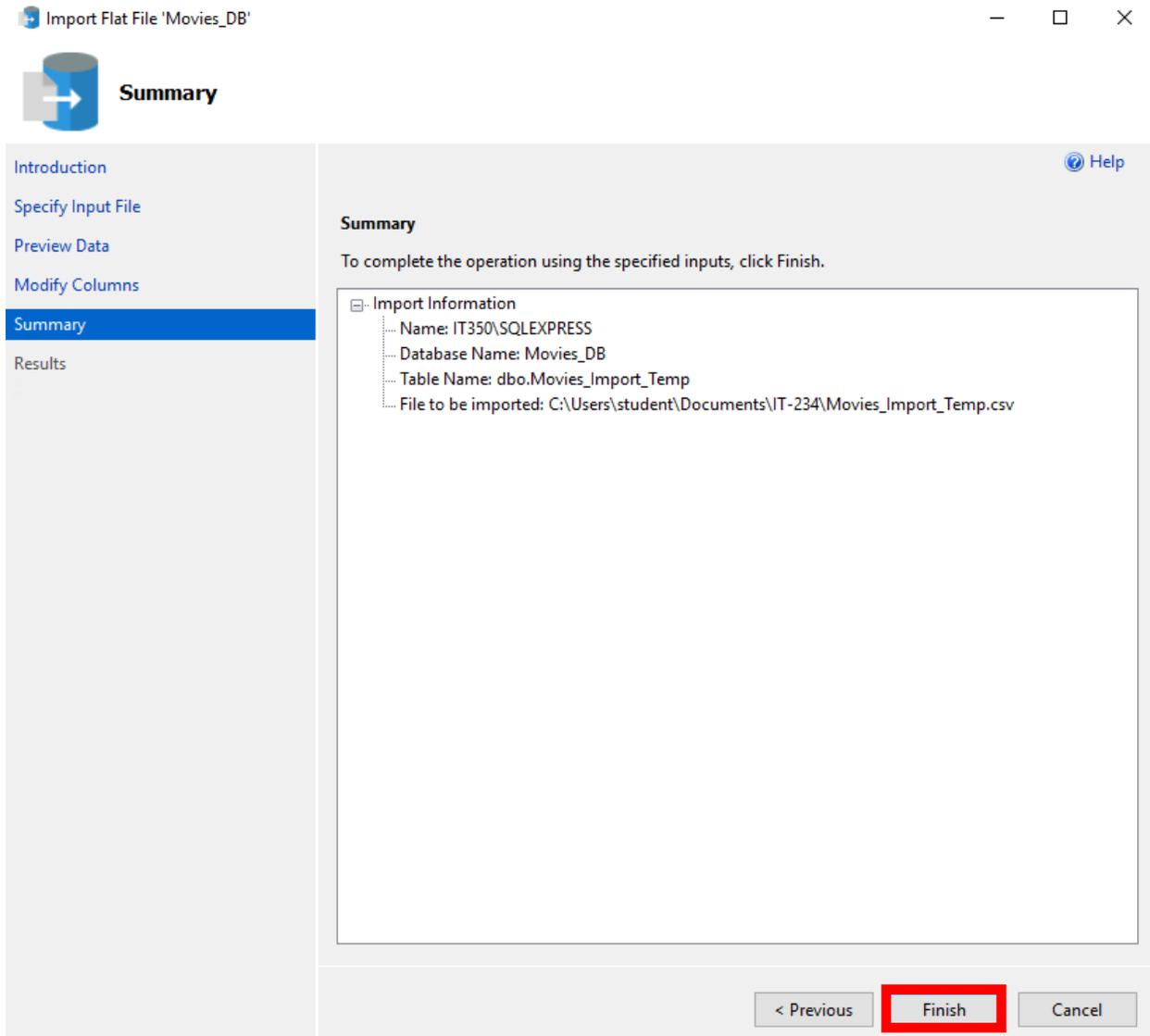
This operation generated the following table schema. Please verify if schema is accurate, and if not, please make any changes.

Column Name	Data Type	Primary Key	<input type="checkbox"/> Allow Nulls
Title	nvarchar(50)	<input type="checkbox"/>	<input type="checkbox"/>
Director_FirstName	nvarchar(50)	<input type="checkbox"/>	<input type="checkbox"/>
Director_LastName	nvarchar(50)	<input type="checkbox"/>	<input type="checkbox"/>
Genre	nvarchar(50)	<input type="checkbox"/>	<input type="checkbox"/>
Star_FirstName	nvarchar(50)	<input type="checkbox"/>	<input type="checkbox"/>
Star_LastName	nvarchar(50)	<input type="checkbox"/>	<input type="checkbox"/>
Rating	float	<input type="checkbox"/>	<input type="checkbox"/>
Producer_FirstName	nvarchar(50)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Producer_LastName	nvarchar(50)	<input type="checkbox"/>	<input type="checkbox"/>

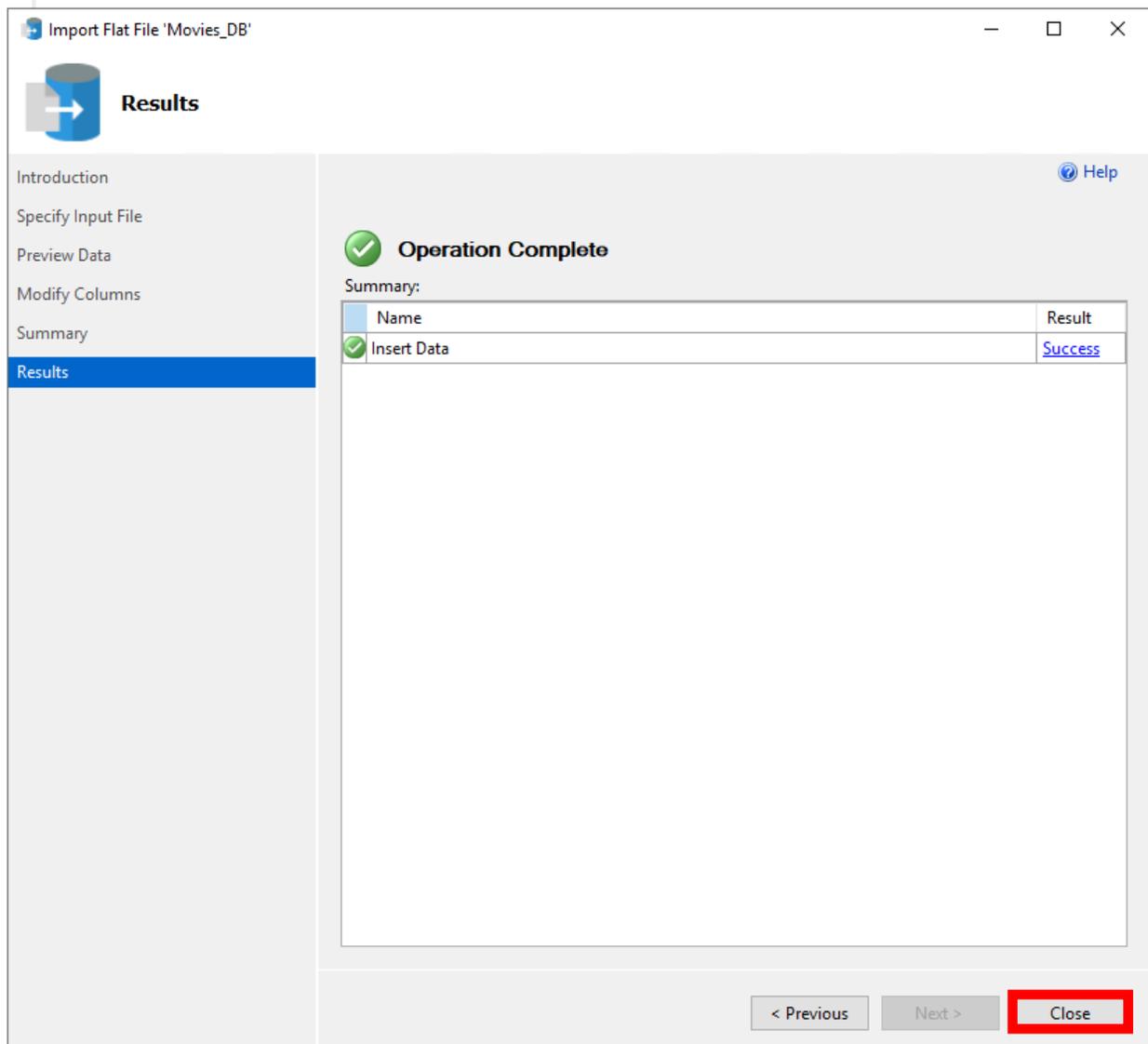
Error Reporting - Selecting a smaller range may have a performance impact No Range

< Previous **Next >** Cancel

[8] The *Summary* screen will appear. Click on the FINISH button to commence the data import.



- [9] The **Results** screen will appear once the data import process is complete. The result of the import should be “Success” as illustrated below. Click on the CLOSE button to close the window.



[10] The **Movies\_Import\_Temp** table will appear in the *Object Explorer* window pane under the **Movies\_DB** database. You can query the table to verify the data contents were properly imported, as illustrated below.

The screenshot shows the SQL Server Enterprise Manager interface. On the left, the Object Explorer displays the 'Movies\_DB' database with a table named 'dbo.Movies\_Import\_Temp' highlighted by a red arrow. The main window shows a SQL query: `SELECT * FROM dbo.Movies_Import_Temp;` and the results of the query. The results pane displays a table with the following columns: Title, Director\_FirstName, Director\_LastName, Genre, Star\_FirstName, Star\_LastName, Rating, Producer\_FirstName, and Producer\_LastName. The table contains 21 rows of movie data.

	Title	Director_FirstName	Director_LastName	Genre	Star_FirstName	Star_LastName	Rating	Producer_FirstName	Producer_LastName
1	Arsenic and Old Lace	Frank	Capra	Comedy	Cary	Grant	8.1	NULL	Warner Bros.
2	Mr. Smith Goes To Washington	Frank	Capra	Drama	James	Stewart	8.3	NULL	Columbia Pictures
3	Meet John Doe	Frank	Capra	Comedy	Gary	Cooper	7.7	Frank	Capra
4	The Caine Mutiny	Edward	Dmytryk	Drama	Humphrey	Bogart	7.9	NULL	Columbia Pictures
5	The African Queen	John	Huston	Action	Humphrey	Bogart	7.9	NULL	Romulus Films
6	Casablanca	Michael	Curtiz	Drama	Humphrey	Bogart	8.6	NULL	Warner Bros.
7	The Comancheros	Michael	Curtiz	Action	John	Wayne	6.9	NULL	Twentieth Century Fox
8	King Creole	Michael	Curtiz	Drama	Elvis	Presley	7	NULL	Paramount Pictures
9	White Christmas	Michael	Curtiz	Comedy	Bing	Crosby	7.6	NULL	Paramount Pictures
10	Pennies From Heaven	Norman Z.	McLeod	Comedy	Bing	Crosby	6.7	NULL	Metro-Goldwyn-Mayer
11	Going My Way	Leo	McCarey	Comedy	Bing	Crosby	7.3	NULL	Paramount Pictures
12	Critics Choice	Don	Weis	Comedy	Bob	Hope	5.7	NULL	Warner Bros.
13	The Ghost Breakers	George	Marshall	Comedy	Bob	Hope	7.3	NULL	Paramount Pictures
14	Mary Scotland	John	Ford	Biography	Katharine	Hepburn	6.4	NULL	RKO Pictures
15	The Philadelphia Story	George	Cukor	Comedy	Cary	Grant	8.1	NULL	Metro-Goldwyn-Mayer
16	My Fair Lady	George	Cukor	Musical	Audrey	Hepburn	7.9	Jack L.	Warner
17	Breakfast at Tiffany's	Blake	Edwards	Comedy	Audrey	Hepburn	7.8	Martin	Jurow
18	The Pink Panther	Blake	Edwards	Comedy	David	Niven	7.2	NULL	Mirisch Company
19	The Party	Blake	Edwards	Comedy	Peter	Sellers	7.6	Blake	Edwards
20	Massacre Harbor	John	Peyser	Action	Christopher	George	6	NULL	Mirisch-Rich Productions
21	The Cardinal	Otto	Preminger	Drama	Tom	Tiyon	6.8	Otto	Preminger