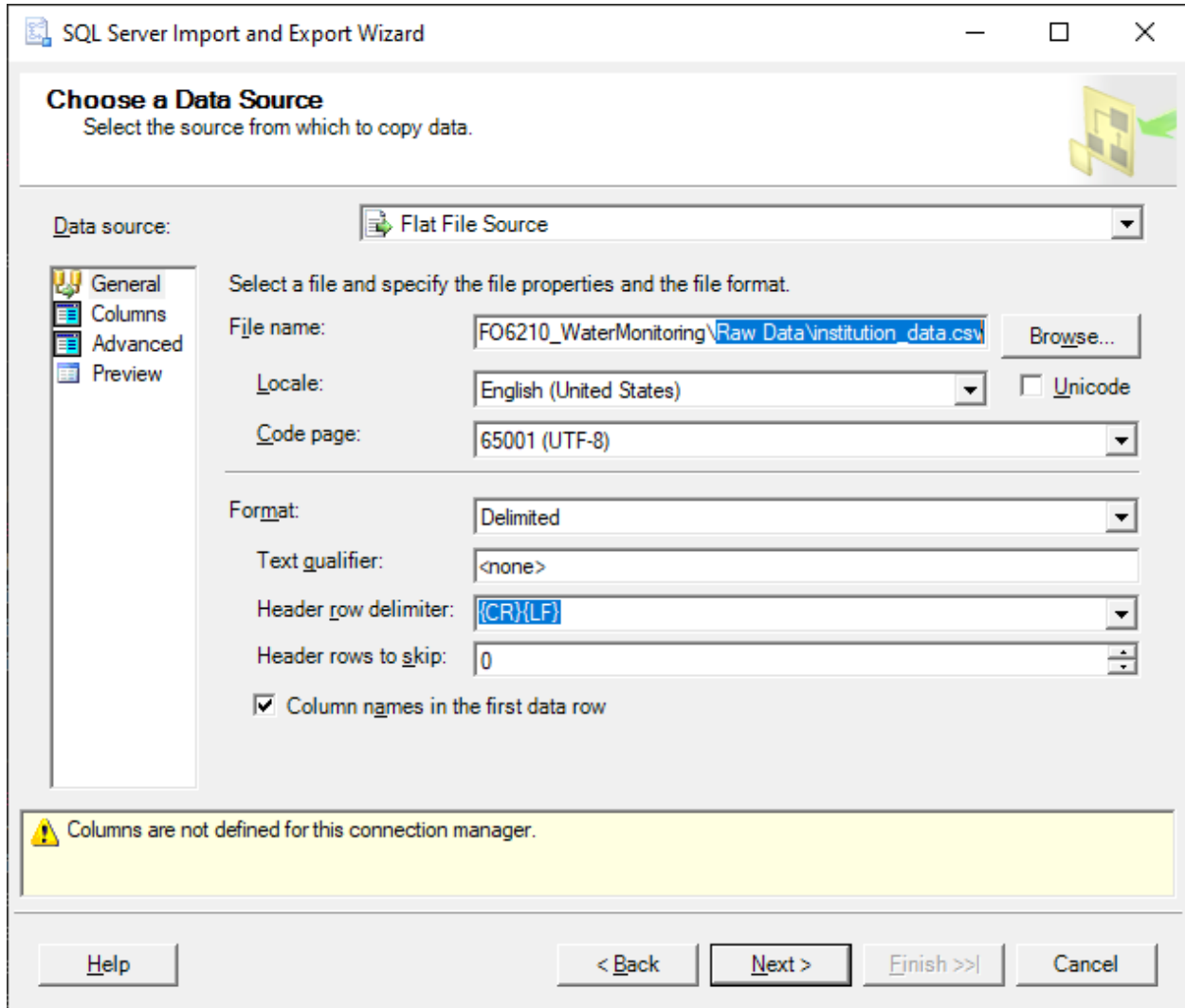


We used the following process with the IMPORT/EXPORT WIZARD to take from csv files and insert them into the tables in our database. All tables used the following process except for “Researcher” which was manually inserted to showcase encrypted passwords.



The screenshot shows the 'SQL Server Import and Export Wizard' window, specifically the 'Choose a Data Source' step. The window title is 'SQL Server Import and Export Wizard'. The main heading is 'Choose a Data Source' with the instruction 'Select the source from which to copy data.' Below this, the 'Data source:' dropdown is set to 'Flat File Source'. On the left, a navigation pane shows 'General' selected, with 'Columns', 'Advanced', and 'Preview' below it. The main area is titled 'Select a file and specify the file properties and the file format.' It contains several fields: 'File name:' with the text 'FO6210\_WaterMonitoring\Raw Data\institution\_data.csv' and a 'Browse...' button; 'Locale:' set to 'English (United States)' with a 'Unicode' checkbox; 'Code page:' set to '65001 (UTF-8)'; 'Format:' set to 'Delimited'; 'Text qualifier:' set to '<none>'; 'Header row delimiter:' set to '{CR}{LF}'; 'Header rows to skip:' set to '0'; and a checked checkbox for 'Column names in the first data row'. At the bottom, a yellow warning box states 'Columns are not defined for this connection manager.' The bottom of the window has buttons for 'Help', '< Back', 'Next >', 'Finish >>', and 'Cancel'.

SQL Server Import and Export Wizard

**Choose a Data Source**  
Select the source from which to copy data.

Data source: Flat File Source

Select a file and specify the file properties and the file format.

File name: FO6210\_WaterMonitoring\Raw Data\institution\_data.csv Browse...

Locale: English (United States) ☐ Unicode

Code page: 65001 (UTF-8)

Format: Delimited

Text qualifier: <none>

Header row delimiter: {CR}{LF}

Header rows to skip: 0

☒ Column names in the first data row

Columns are not defined for this connection manager.

Help < Back Next > Finish >> Cancel

**Choose a Data Source**

Select the source from which to copy data.



Data source:

Flat File Source

- General
- Columns
- Advanced
- Preview

Specify the characters that delimit the source file:

Row delimiter:

{CR}{LF}

Column delimiter:

Comma {,}

Preview rows 2-11:

institution_name	institution_state	institution_country
Northeastern University	Massachusetts	US
Boston University	Massachusetts	US
EPA	Virginia	US
MWRA	Massachusetts	US
Clean Lakes	Washington	US
Clear Waters	Wisconsin	US
Blue Skies	Michigan	US
Rocky Mountain Water	Colorado	US

Refresh

Reset Columns

Help

&lt; Back

Next &gt;

Finish &gt;&gt;

Cancel



## SQL Server Import and Export Wizard



### Choose a Destination

Specify where to copy data to.



Destination:

Microsoft OLE DB Provider for SQL Server

Server name:

is-swang01.ischool.uw.edu

#### Authentication

- ☐ Use Windows Authentication
- ☒ Use SQL Server Authentication

User name:

INFO6210

Password:

\*\*\*\*\*

Database:

Project Team1

Refresh

New...

Help

< Back

Next >

Finish >>

Cancel



SQL Server Import and Export Wizard



## Select Source Tables and Views

Choose one or more tables and views to copy.



Tables and views:

<input checked="" type="checkbox"/>	Source:	Destination: is-swang01.ischool.uw.edu
<input checked="" type="checkbox"/>	C:\Users\arie\git\INFO6210_WaterMonitoring\Raw Data\institutio...	[dbo].[Institution]

Edit Mappings...

Preview...

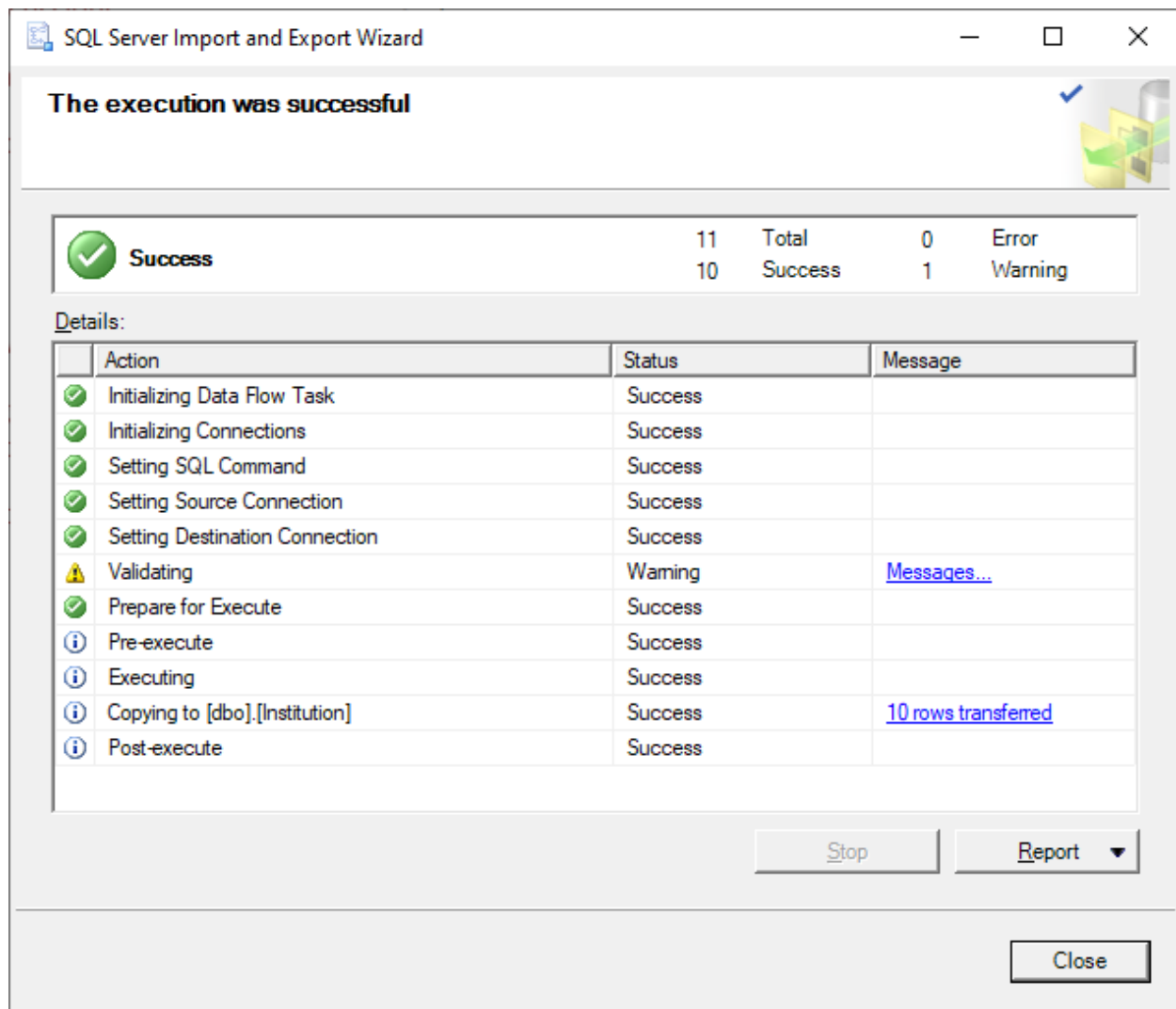
Help

< Back

Next >

Finish >>

Cancel



A warning was thrown on datatype conversion from string (in the csv) to numeric values. After verifying in the database, it looked successful.