U3M1.LW.Introduction to SQL Server 2012 Integration Services

Shkrabatouskaya Vera

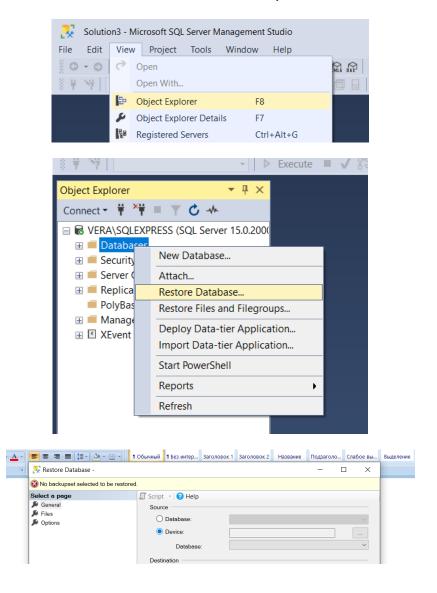
https://github.com/VeraShkrabatouskaya/DataMola_Data-Camping-2022

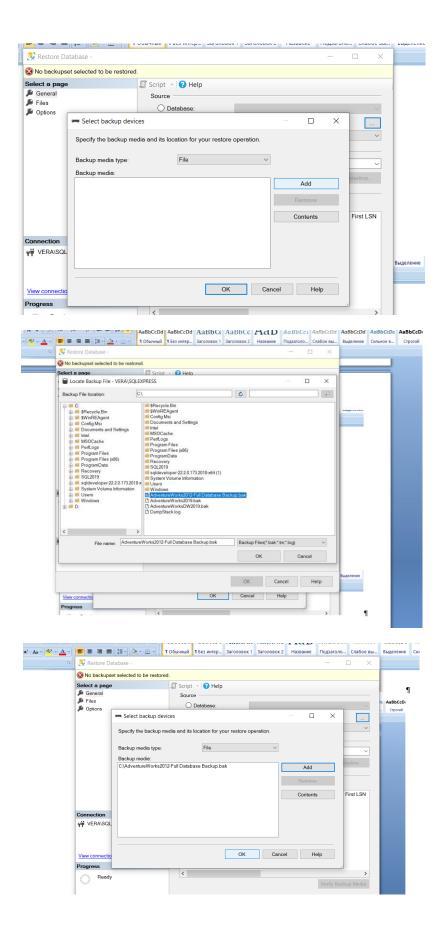
1. Lab 1: Introduction to SQL Server Integration Services

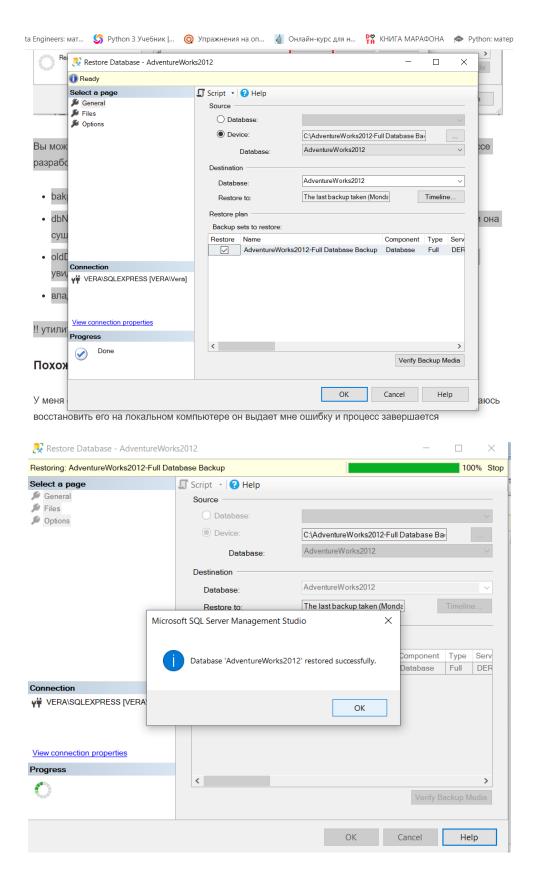
The Marketing department at Adventure Works requires a current list of the currencies used in the AdventureWorks2012 database. They want the list in the format of a comma-delimited text file.

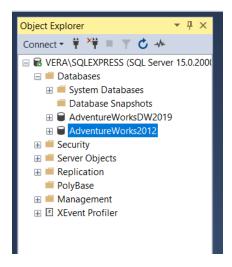
1.1. Exercise 1: Using the Import and Export Wizard Scenario

Let's load the AdventureWorks2012 database into Microsoft SQL Server.

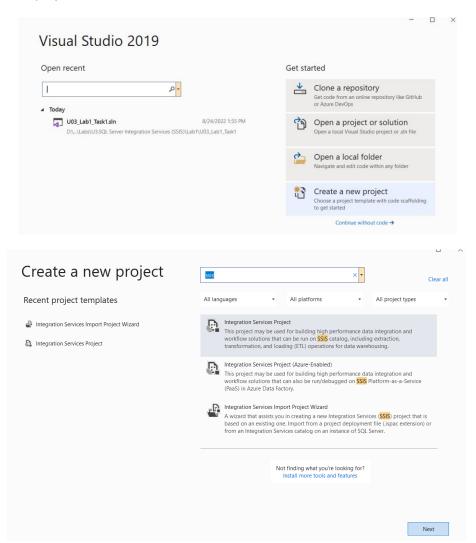


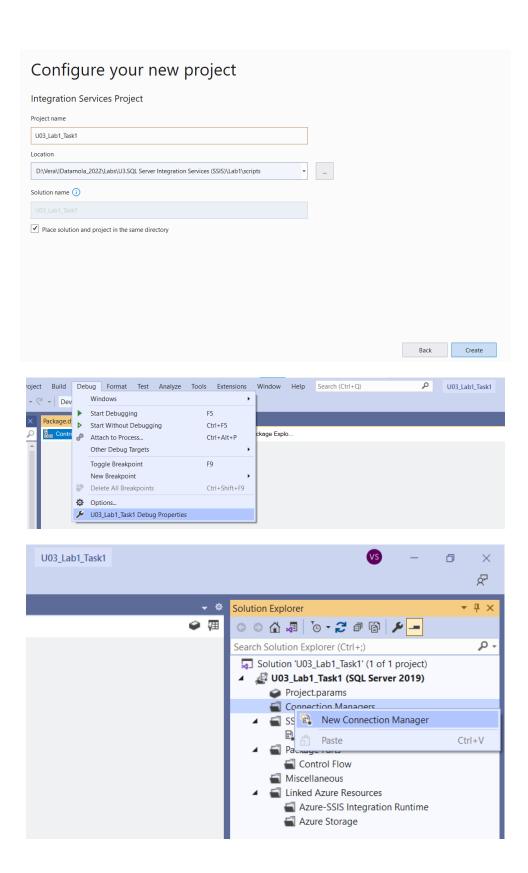


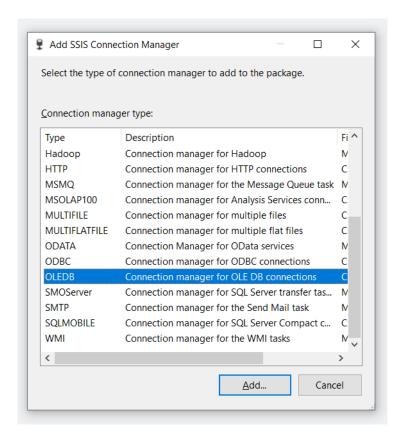


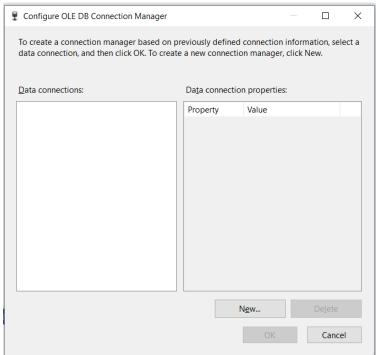


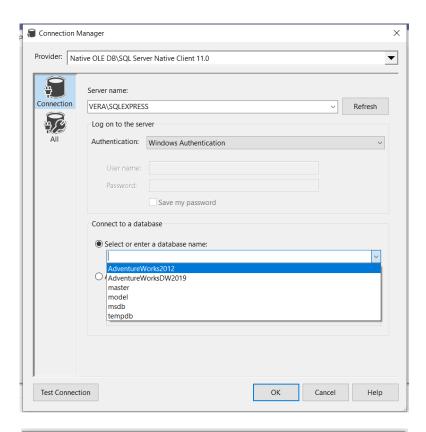
Let's create a new project in Visual Studio 2019.

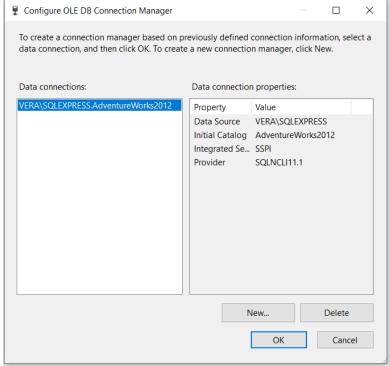


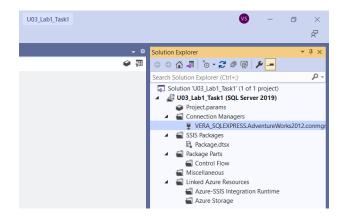




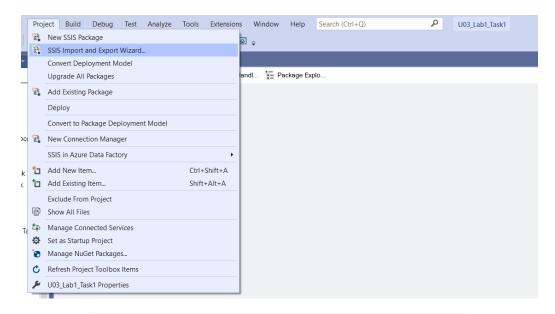


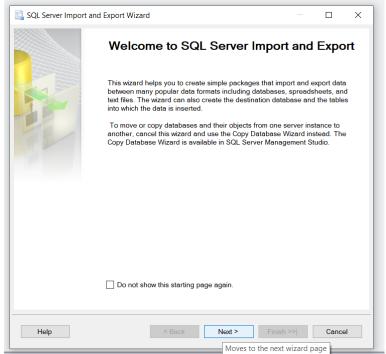


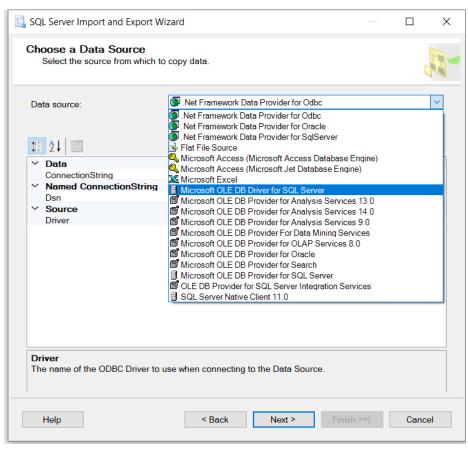


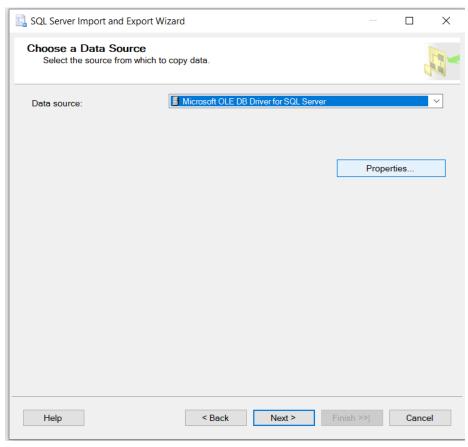


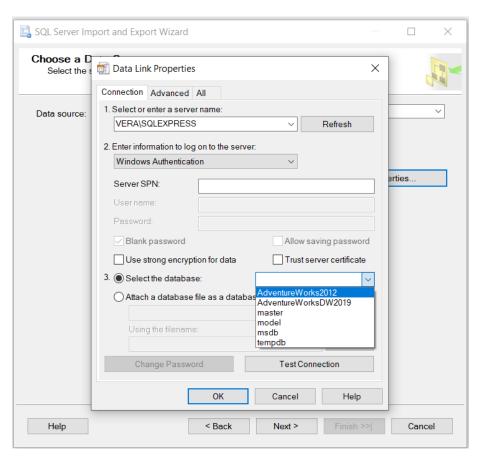
Let's load the package using Import and Export Wizard.

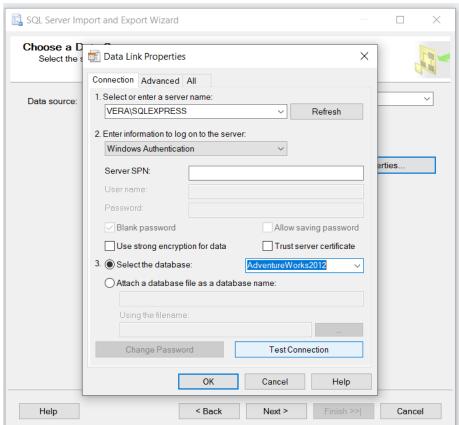


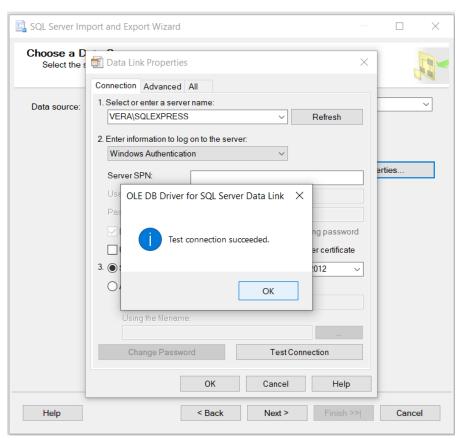


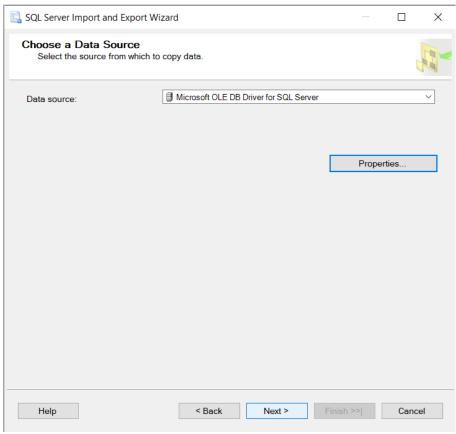


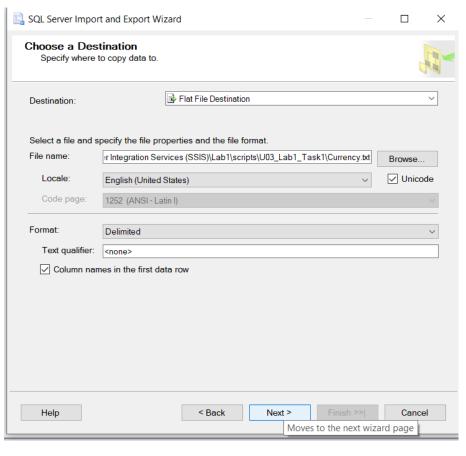


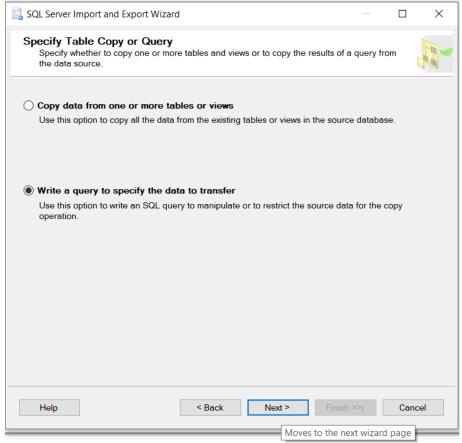


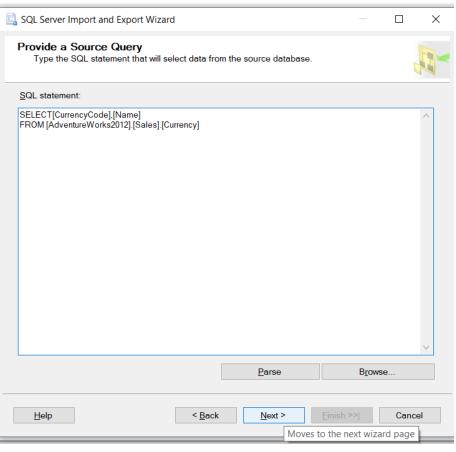


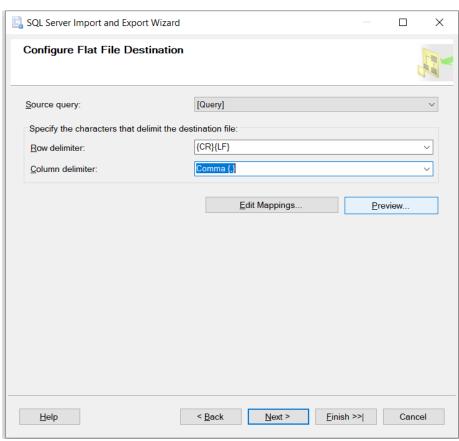


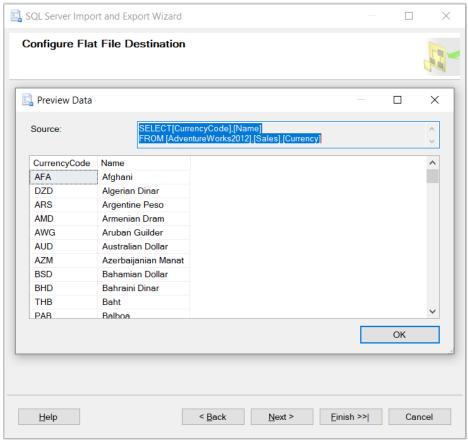


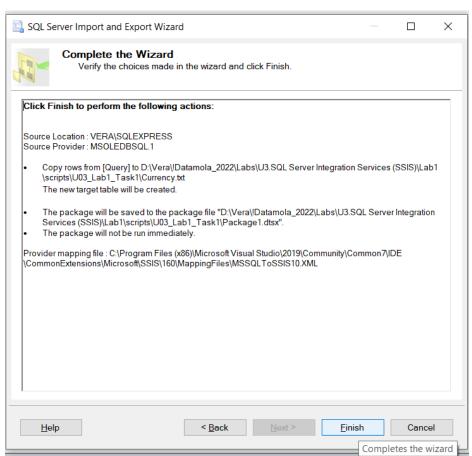


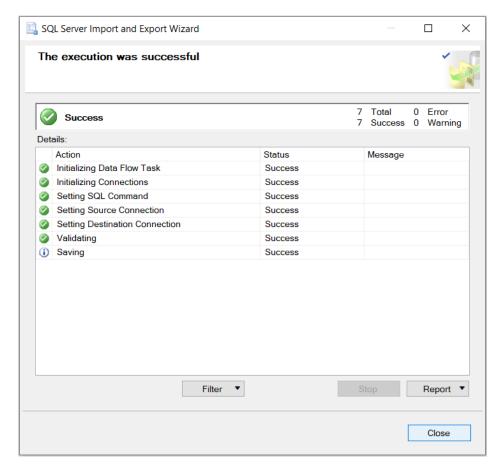














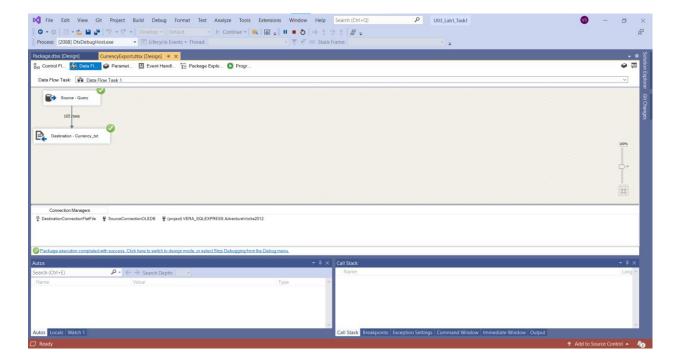
1.2. Exercise 2: Running an Integration Services Package

Rename the the package from Package1 to CurrencyExport.



Let's run the CurrencyExport package from Visual Studio and confirm that the export completed successfully.

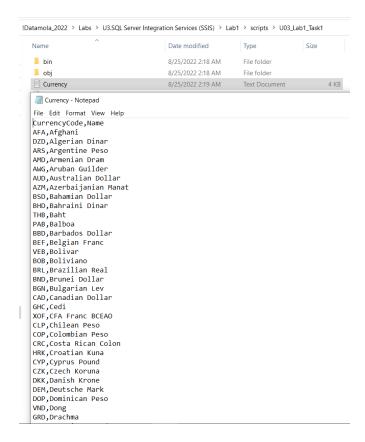




Package execute completed with successful.

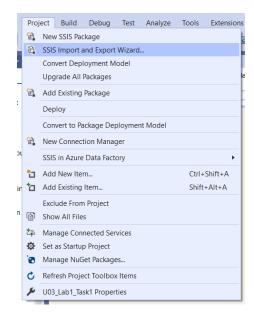
Let's see how the package worked. Did the data get transferred to the file?

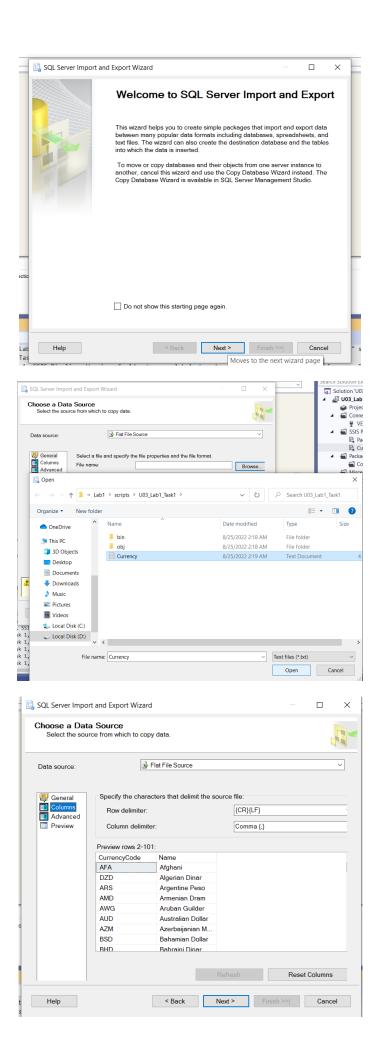
Result: Output file that contains the list of currencies

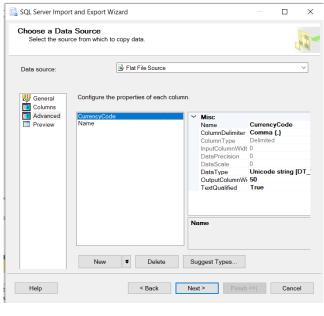


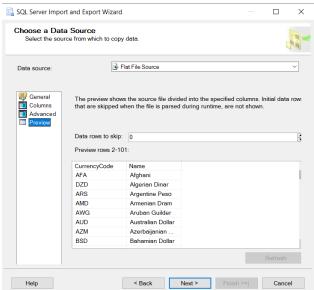
1.3. Exercise 3: Import Data Using the Import and Export Wizard

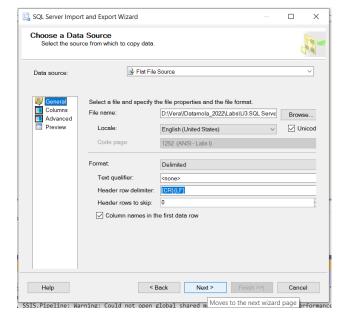
Let's Import Data from the flat file (Currency.txt) to the SQL database Using the Import and Export Wizard.

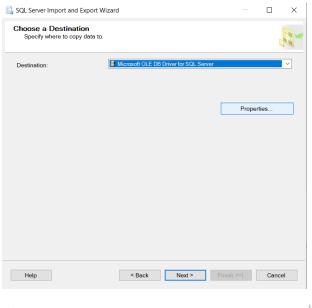


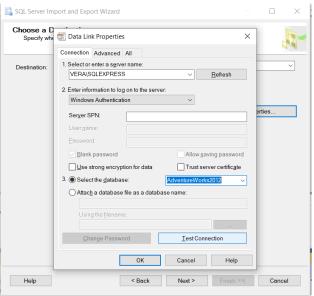


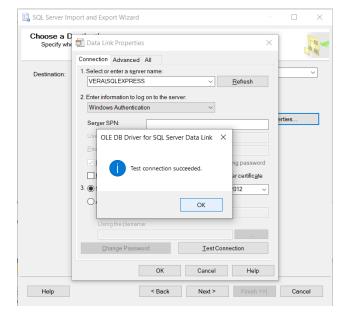


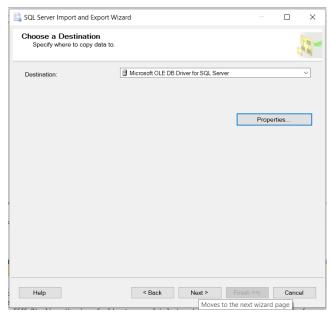


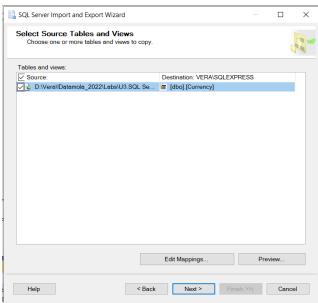


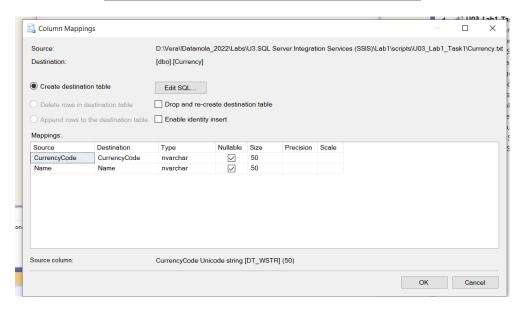


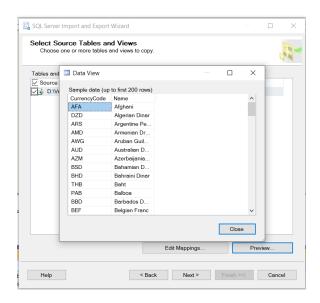


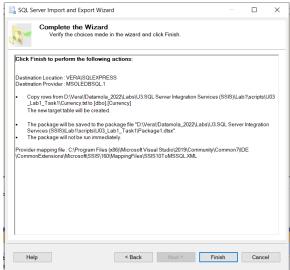


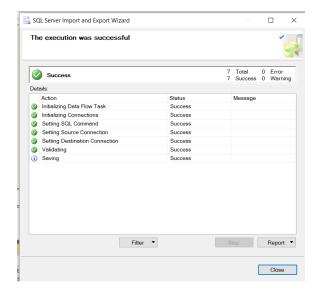


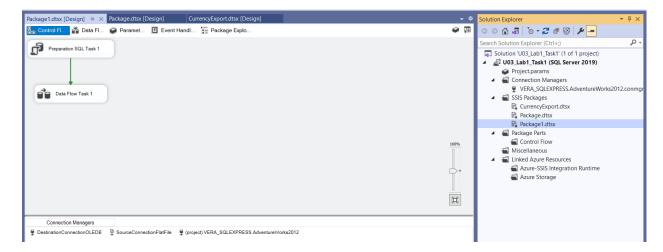




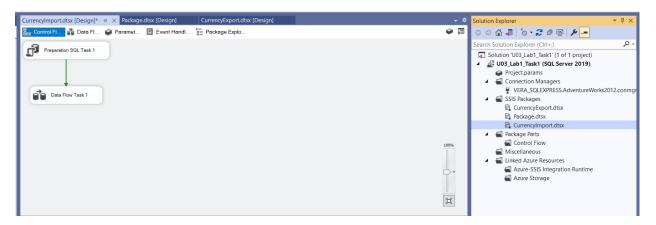




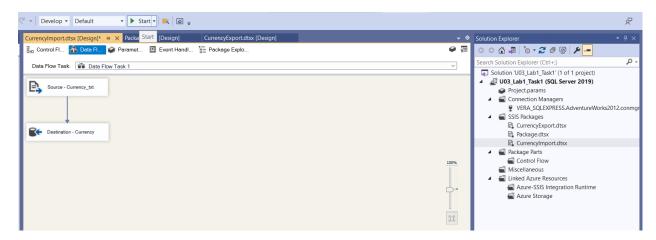


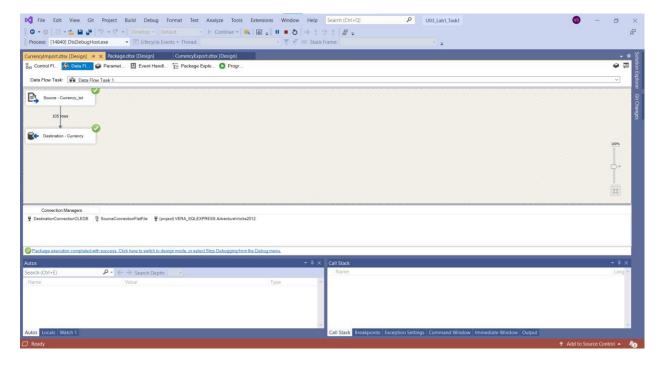


Let's rename our new package to CurrencyImport.



Let's start our packet to transmit data.





Package execute completed with successful.

As we can see, the data have been moved to a new table in Microsoft SQL Server.

