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U3M1.LW.Introduction to SQL Server 2012 Integration Services

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# 1. Lab 1: Introduction to SQL Server Integration Services

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

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. You must use SQL Server Integration Services to provide this information in the correct format and create the flat file from the information in the currency table (Sales.Currency). The name of the output file must be Currency.txt and it must contain the following fields: CurrencyCode, CurrencyName. You have to use Import and Export Wizard and save automatically created package within the solution.

**Result:** Screenshots that shows using Import and Export Wizard.

## 1.2. Exercise 2: Running an Integration Services Package

Now that the package is created, you will execute it and complete the export.

In this exercise you will run the CurrencyExport package and confirm that the export completed successfully.

You should execute the package from Visual Studio.

**Result:** Output file that contains the list of currencies

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

Use the Import and Export Wizard to import data from the flat file (Currency.txt) to the SQL database.

In this exercise you will use the Import and Export Wizard to move data stored in a flat file to the SQL database.

The file should be imported to a new table that will be automatically created by the wizard.

**Result:** Screenshots that shows using Import and Export Wizard.

## 1.4. Exercise 4: Managing Packages

Create SSIS Catalog on the server and deploy the project there (you need to include to the project only package which exports data).

Execute package on the server via Management Studio and make sure it works.

Execute package using dtexec command line utility on the server

**Result:** Screenshots