

Preface:

Welcome to this course on “Learn ETL using SSIS”.

This course is a part of the Microsoft Business Intelligence Stack.

In all the courses, I have used commonly available free databases, so that you can follow along with me. It been really a pleasure for me teaching 100,000+ student enrollments and answering 10's of 100's of questions every day.

Hope you all enjoy this ETL course.

Courtesy:

<https://docs.microsoft.com/en-us/sql/integration-services/ssis-how-to-create-an-etl-package>

In the videos, I have walked you all through some examples, which will help you solve the below exercises. The below problem set is derived from the MSDN website. I have designed the whole course so that you can solve the below problems easily. Please note that some of the concepts will require you to read and web search a bit or take the advanced SQL course. Always feel free to ask questions in the forums.

This tutorial gets you acquainted with the new tools, controls and features available in Microsoft SQL Server Integration Services is to use them. This tutorial walks you through SSIS Designer to create a simple ETL package that includes looping, configurations, error flow logic and logging.

[Lesson 1: Create a Project and Basic Package with SSIS](#)

In this lesson, you will create a simple ETL package that extracts data from a single flat file, transforms the data using lookup transformations and finally loads the result into a fact table destination.

[Lesson 2: Adding Looping with SSIS](#)

In this lesson, you will expand the package you created in Lesson 1 to take advantage of new looping features to extract multiple flat files into a single data flow process.

[Lesson 3: Add Logging with SSIS](#)

In this lesson, you will expand the package you created in Lesson 2 to take advantage of new logging features.+

[Lesson 4: Add Error Flow Redirection with SSIS](#)

In this lesson, you will expand the package you created in lesson 3 to take advantage of new error output configurations.

[Lesson 5: Add SSIS Package Configurations for the Package Deployment Model](#)

In this lesson, you will expand the package you created in Lesson 4 to take advantage of new package configuration options.

[Lesson 6: Using Parameters with the Project Deployment Model in SSIS](#)

In this lesson, you will expand the package you created in Lesson 5 to take advantage of using new parameters with the project deployment model.

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<https://docs.microsoft.com/pdfstore/en-us/SQL.sql-content/live/integration-services.pdf>