Preface:

## Welcome to this course on Advanced Databases and SQL Querying.

## 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 SQL course.

*Courtesy:* [*https://docs.microsoft.com/en-us/sql/t-sql/tutorial-writing-transact-sql-statements*](https://docs.microsoft.com/en-us/sql/t-sql/tutorial-writing-transact-sql-statements)

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 shows you how to create a database, create a table in the database, insert data into the table, update the data, read the data, delete the data, and then delete the table. You will create views and stored procedures and configure a user to the database and the data.

This tutorial is divided into three lessons:

[Lesson 1: Creating Database Objects](https://docs.microsoft.com/en-us/sql/t-sql/lesson-1-creating-database-objects)  
In this lesson, you create a database, create a table in the database, insert data into the table, update the data, and read the data.

[Lesson 2: Configuring Permissions on Database Objects](https://docs.microsoft.com/en-us/sql/t-sql/lesson-2-configuring-permissions-on-database-objects)  
In this lesson, you create a login and user. You will also create a view and a stored procedure, and then grant the user permission to the stored procedure.

[Lesson 3: Deleting Database Objects](https://docs.microsoft.com/en-us/sql/t-sql/lesson-3-deleting-database-objects)  
In this lesson, you remove access to data, delete data from a table, delete the table, and then delete the database.

Complete PDF: <https://docs.microsoft.com/pdfstore/en-us/SQL.sql-content/live/t-sql.pdf>