Assignment 07

Management

# ****Module Overview****

In this module, you learn to perform common management tasks.

# ****Required Software****

Install SQL Developer Edition (or equivalent), Visual Studio 2019 Community edition with the SSIS Extension.

# Assignment Videos

Please watch the following assignment videos. You can watch them all at once, but I recommend watching a few, changing to a different task, like reading, and then watching a few more.

<https://youtube.com/playlist?list=PLfycUyp06LG_U_Tt3AQrrOfzkMFgw_le_>

**Optional Videos (for those who want more on backups)**

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| [SQL Server DBA Tutorial 70-What is Database Backup & How Many Types of Backups available](https://youtu.be/4meCxdmVYpc) |
| [SQL Server DBA Tutorial 71-How to Manually Adhoc Take Full Backup of a Database in SQL Server](https://youtu.be/JrDLgrJc7nI) |
| [SQL Server DBA Tutorial 72-How to Manually Take Differential backup of a Database in SQL Server](https://youtu.be/RL3XMtMx0tA) |
| [SQL Server DBA Tutorial 73-How to Manually Take Transaction Log backup of a database in SQL Server](https://youtu.be/m5da9KbgmY4) |
| [SQL Server DBA Tutorial 74-Manually Take Tail Log Transaction Log backup of a Database in SQL Server](https://youtu.be/6yI-uPw_qNw) |
| [SQL Server DBA Tutorial 75-How to Create Backup Maintenance Plan in SQL Server](https://www.youtube.com/watch?v=jb2gsNinIb0) |
| [SQL Server DBA Tutorial 76-How to Schedule Databases Backup in SQL Server](https://youtu.be/o1gOh4kGxyA) |
| [SQL Server DBA Tutorial 77-How to Cleanup Old Backups in SQL Server](https://youtu.be/rb_GfxJQ7Eo) |
| [SQL Server DBA Tutorial 78-How to Restore a Database From Full Backup in SQL Server](https://www.youtube.com/watch?v=3MScho4vPkE) |

# Assignment Articles

Please read the following documents:

<https://www.sqlshack.com/top-10-questions-answers-sql-server-indexes/>

<https://www.sqlshack.com/maintaining-sql-server-indexes/>

<https://www.sqlshack.com/sql-server-query-execution-plan-beginners-clustered-index-operators/>

<https://www.sqlshack.com/understanding-sql-server-backup-types/>

<https://www.sqlshack.com/automate-sql-database-backups-using-maintenance-plans/>

**Note: Y**ou do **not** need to perform any of the demos are labs in these articles

**Optional Articles (for those who want more on backups)**

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| [SQL Server Backup Tutorial](https://www.mssqltips.com/sqlservertutorial/1/sql-server-backup-options-and-commands-tutorial/) |
| [SQL Server Transaction Log Tutorial](https://www.mssqltips.com/sqlservertutorial/3301/introduction-to-the-sql-server-transaction-log-tutorial/) |
| [SQL Server Restore Tutorial](https://www.mssqltips.com/sqlservertutorial/81/sql-server-restore-options-and-commands-tutorial/) |

# Assignment Tasks

This week you will start the Final Assignment. Please **see** the separate **FinalAssignment.docx** for details.