**Migrate SQL Server to Azure SQL Database using DMS project solution**

**Instructions**: List the steps you will perform to complete each activity in the system. Ensure to provide screenshots for each step. As a sample, we have filled in the information for *Activity 1, Step 1*. You can add more rows as required.

**Task:** This assignment aims to help you reflect upon the core concepts covered in the AZ 305course. You need to Migrate SQL Server to Azure SQL Database using DMS in the Azure portal, run it and as well as monitor the migration in Azure SQL Database to create a project. This will involve assessing your DB, migrating a schema, and creating an Azure Database migration service instance.

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| **Activity #** | **Steps** |
| **Activity 1:**  Navigate to azure portal | Open Browser and go to: <https://portal.azure.com/#home> |
| **Activity 2:**  Signing in. | Sign in using credentials  A screenshot of a computer  Description automatically generated |
| **Activity 3:**  Assessing your on-premises database | To prepare assess the database, start Azure Data Studio  A screenshot of a computer  Description automatically generated  Click Create a Connection to connect to the local SQL  A blue and black text on a white background  Description automatically generated  Enter SQL details  A screenshot of a computer  Description automatically generated  Right-click the server connection and select “Manage”  A screenshot of a computer  Description automatically generated  under “General”, select “Azure SQL Migration”  A screenshot of a computer  Description automatically generated  Click “Migrate to Azure SQL” to open the migration wizard  Select DB to perform assessment  A screenshot of a computer screen  Description automatically generated  See results  A screenshot of a computer  Description automatically generated  Select Platform to see results!  A screenshot of a computer  Description automatically generated |
| **Activity 4:**  Migrating the sample schema | Select and configure Azure account to use for the migration!  From the Azure Portal “+Create” an Azure SQL  A screenshot of a computer program  Description automatically generated  Select SQL Db  A screenshot of a computer  Description automatically generated  Create a new server to host the DB  A screenshot of a computer  Description automatically generated  Create a SQL server. Enter all mandatory details  A screenshot of a computer  Description automatically generated  Apply  A screenshot of a computer screen  Description automatically generated  Create!  A screenshot of a computer  Description automatically generated  Close and reopen Azure Data Studio to force a refresh. select the database migration service, confirm all settings  A screenshot of a computer  Description automatically generated  and “Connect”  A screenshot of a computer  Description automatically generated  Map to target DB and click Next  A screenshot of a computer error  Description automatically generated  Confirm Connection status and click Next    Confirm Data Source Configuration  A screenshot of a computer  Description automatically generated    From Azure Portal click “+ New Migration”  A screenshot of a login  Description automatically generated  Select Source DB  A screenshot of a computer  Description automatically generated  Connect to Azure SQL DB Instance by entering the correct information  A screenshot of a computer  Description automatically generated  Click Next to confirm the target database  A screenshot of a computer  Description automatically generated  Review and confirm what tables need to be migrated  A screenshot of a computer  Description automatically generated  Review the summary screen  A screenshot of a computer  Description automatically generated  Click the Start Migration button!  A screenshot of a computer  Description automatically generated  Wait till migration completion!  A screenshot of a computer  Description automatically generated  To confirm success and schema creation, go to the server and open the “Query Editor”, check all tables have been created and check one of the tables to confirm data was imported  A screenshot of a computer  Description automatically generated |