BACK UP AND RESTORE DATABASE
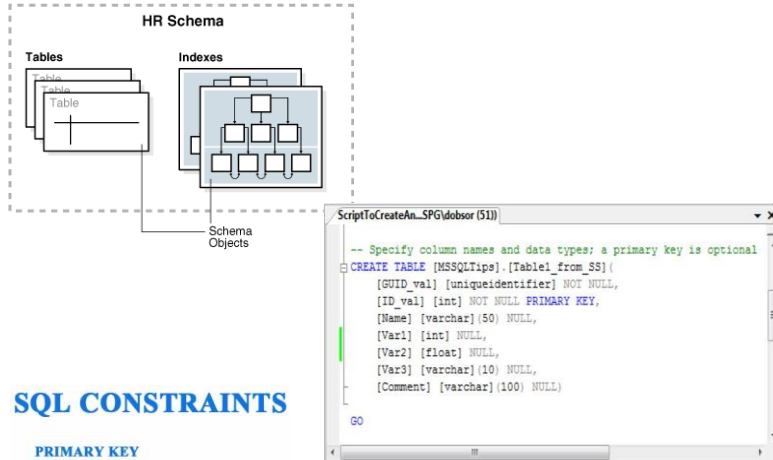
Instructor:

Learning Goals
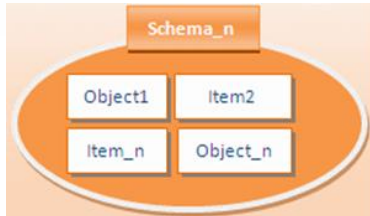
By the end of this lecture students

should be able to:

✓ Able to Back Up a database in SQL Server.

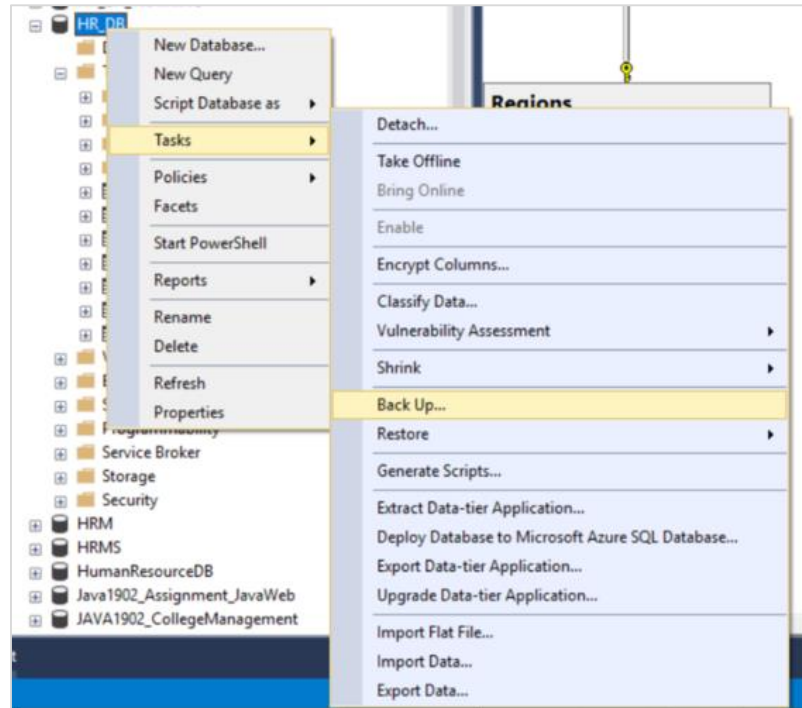✓ Able to Restore a database in SQL Server.

Agenda

- Able to Back Up a database in SQL Server.

- Able to Restore a database in SQL Server.

Back Up a exists Database
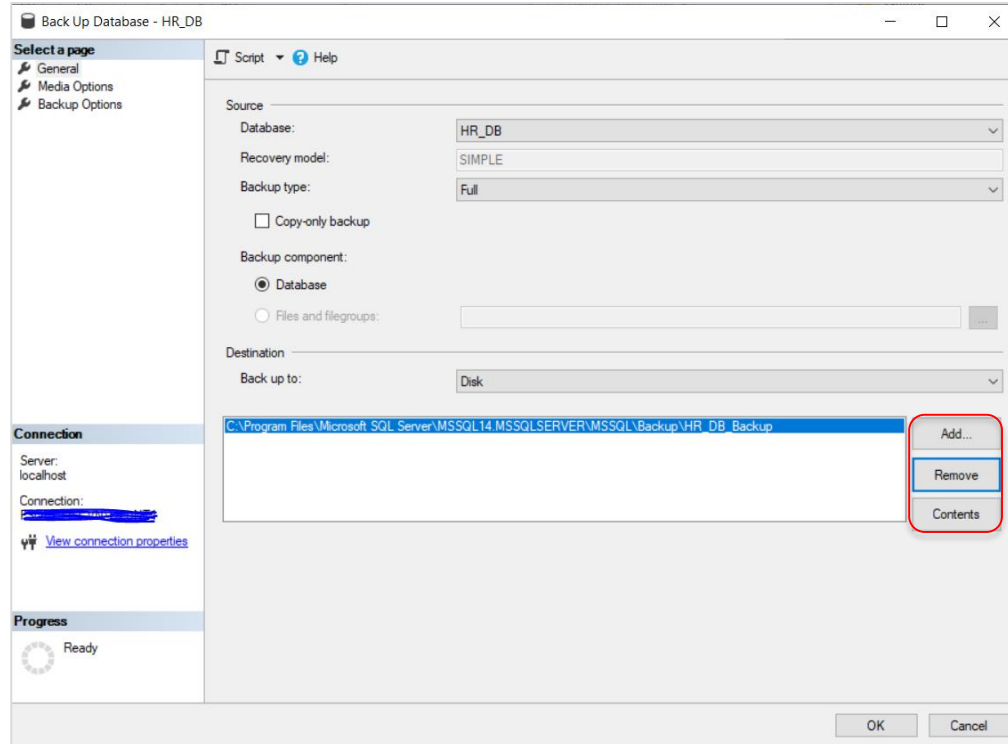
- R-click to Database name | **Tasks** | **Back Up**…

Back Up a exists Database

- To take a backup of your database, do the following:
  - ✓ Launch [SQL Server Management Studio (SSMS)](#) and connect to your SQL Server instance.
  - ✓ Expand the **Databases** node in **Object Explorer**.
  - ✓ Right-click the database, hover over **Tasks**, and select **Back up...**.
  - ✓ Under **Destination**, confirm the path for your backup is correct.
    - If you need to change this, select **Remove** to remove the existing path, and then **Add** to type in a new path.
    - You can use the ellipses to navigate to a specific file.
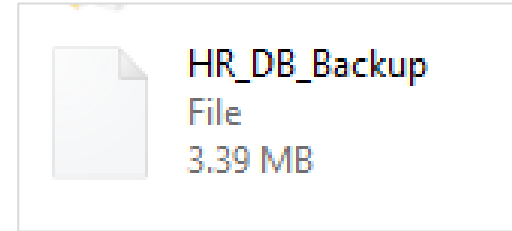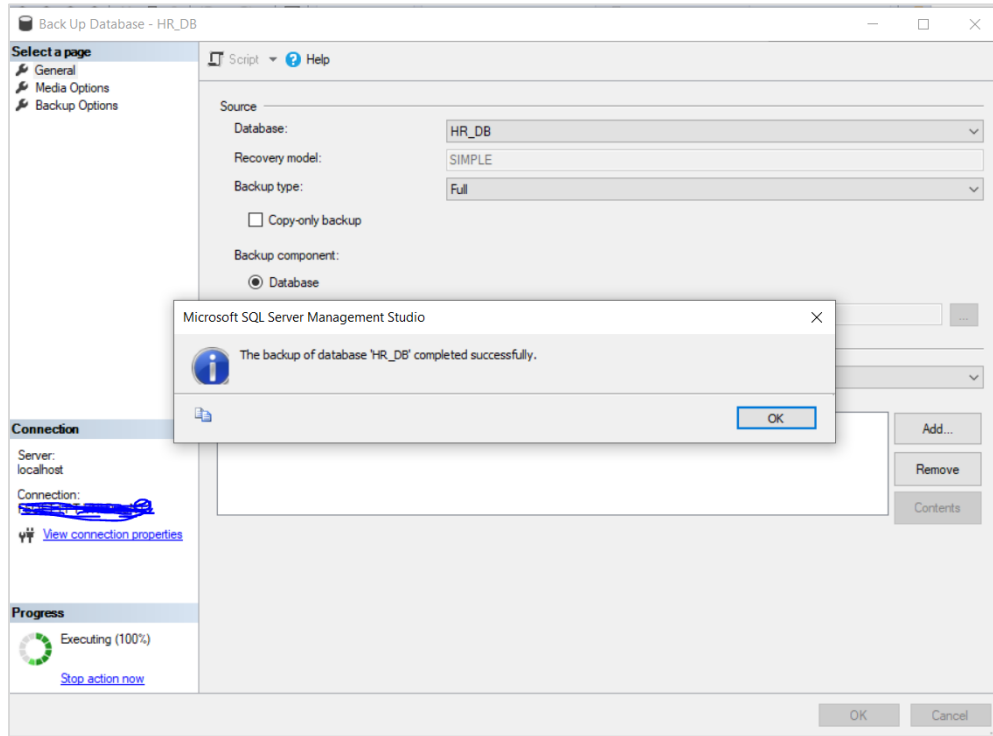 - ✓ Select **OK** to take a backup of your database.

Back Up a exists Database

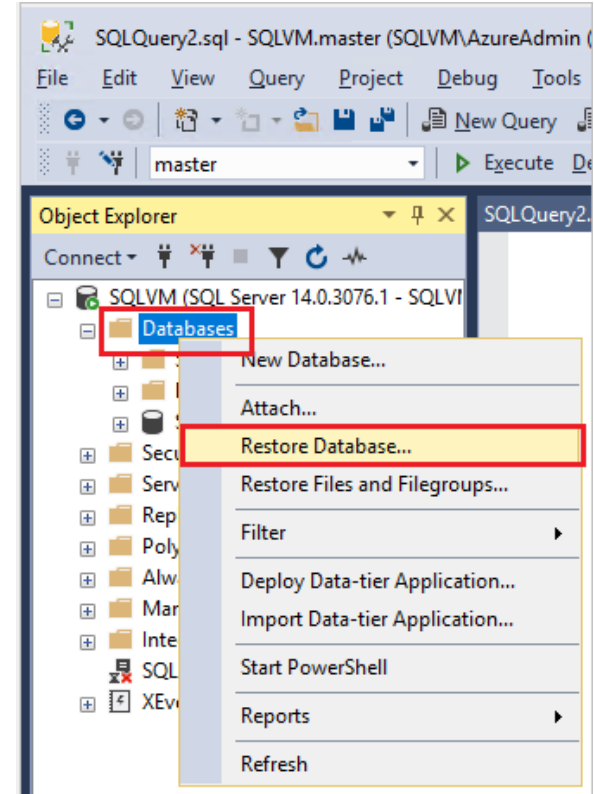- Choose folder and enter file name, OK:

Back Up a exists Database
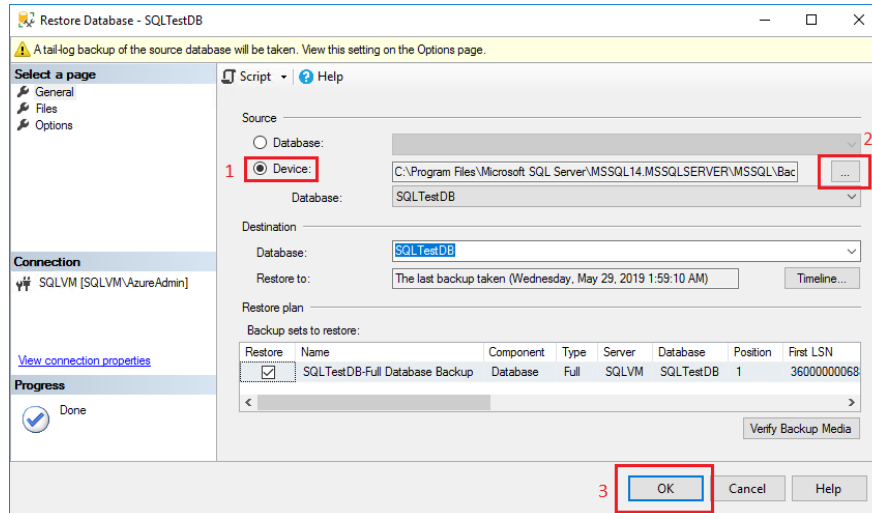
- Backup of database completed successfully:

Restore a backup

- To restore your database, do the following:

  1. Launch [SQL Server Management Studio (SSMS)](#) and connect to your SQL Server instance.

  2. Right-click the **Databases** node in **Object Explorer** and select **Restore Database...**.

Restore a backup

- To restore your database, do the following:

    3. Select **Device:**, and then select the ellipses (...) to locate your backup file.

    4. Select **Add** and navigate to where your .bak file is located. Select the .bak file and then select **OK**.

    5. Select **OK** to close the **Select backup devices** dialog box.

    6. Select **OK** to restore the backup of your database.

Thank you