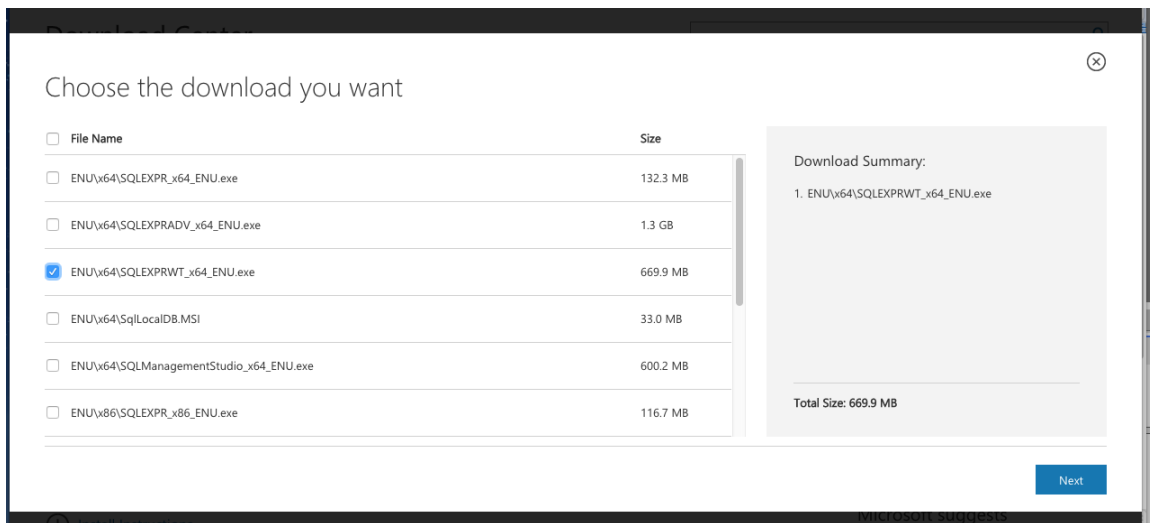# How to Get Started

Download Microsoft SQL Server 2012 Express

The first thing you need to get started is a **FREE** copy of Microsoft® SQL Server® 2012 Express. Navigate to https://www.microsoft.com/en-us/download/details.aspx?id=29062and click the red "Download" button.

When the "Choose the download you want" window appears, click the check box next to "ENU\x64\SQLEXPRWT_x64_ENU.ex"e if you have a 64-bit machine. If you have a 32-bit machine, download the file named "ENU\x86\SQLEXPRWT_x86_ENU.exe". Then press "Next" and download the executable file.
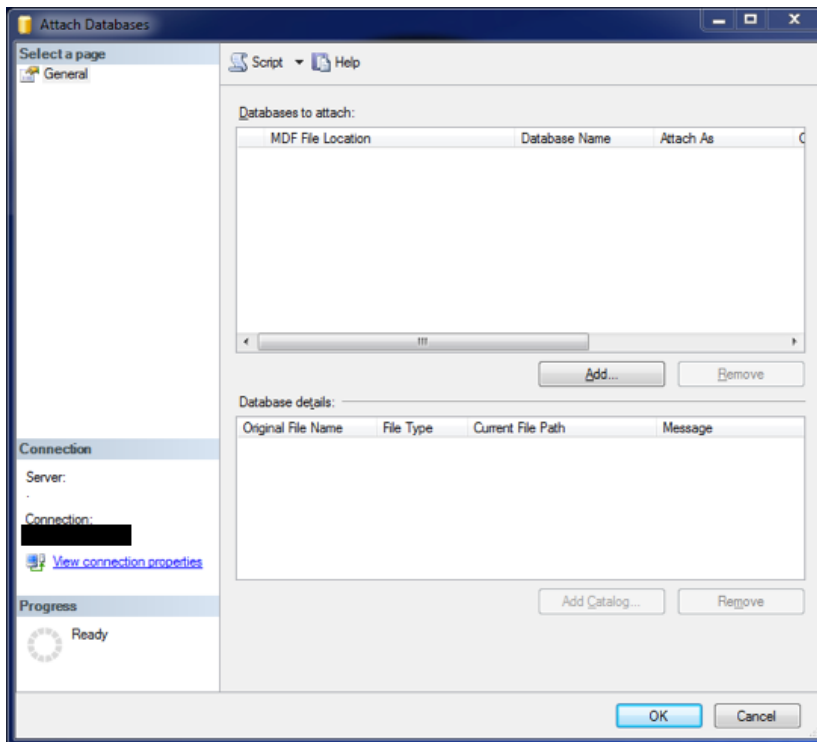

Once downloaded, run the executable and follow the on-screen instructions to install Microsoft® SQL Server® 2012 Express. Be sure to install both the database engine and SQL Server Management Studio (SSMS). Management Studio is the tool that we will be used to complete our queries.

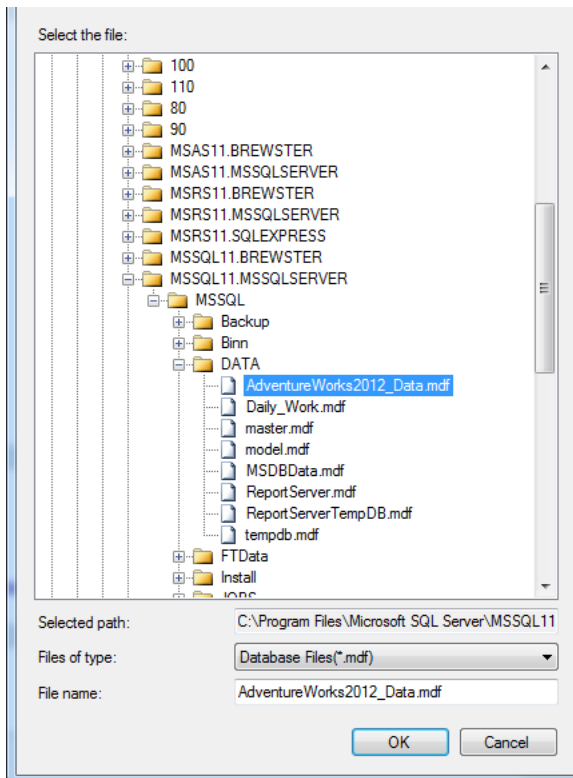## Download and Attach AdventureWorks

Once you have the Microsoft® SQL Server® 2012 Express successfully installed, you will need to download the sample AdventureWorks2012 database that the course lectures use. Navigate to https://www.dropbox.com/sh/oy1in3jhg2e7k6y/AADxyagVgOq1-gh8IJFecYX-a?dl=0 (the Dropbox folder for this class' resources) and download the file named

"AdventureWorks2012_Data.zip". Once downloaded, extract the files in the zipped folder. Move the file with the ".mdf" extension to the folder: C:\Program Files\Microsoft SQL Server\MSSQL11.MSSQLSERVER\MSSQL\DATA.

Open SQL Management Studio (SSMS) once the file is finished downloading. Once SSMS is open, connect to your newly installed SQL Server Express instance. You can type ".\sqlexpress" in the "Server Name" field when first opening SQL Server Management Studio. Once connected, right click on the folder named "Databases", and then select "Attach…". The "Attach Databases" screen will appear as shown below:

Click the "Add…" button to open the "Locate Database Files" screen where you will select the file named "AdventureWorks2012_Data.mdf". This is the AdventureWorks SQL database file that we downloaded previously.

Select the file:

- 100
- 110
- 80
- 90
- MSAS11.BREWSTER
- MSAS11.MSSQLSERVER
- MSRS11.BREWSTER
- MSRS11.MSSQLSERVER
- MSRS11.SQLEXPRESS
- MSSQL11.BREWSTER
- MSSQL11.MSSQLSERVER
  - MSSQL
    - Backup
    - Binn
    - DATA
      - AdventureWorks2012_Data.mdf
      - Daily_Work.mdf
      - master.mdf
      - model.mdf
      - MSDBData.mdf
      - ReportServer.mdf
      - ReportServerTempDB.mdf
      - tempdb.mdf
    - FTData
    - Install
    - JOBS

Selected path: C:\Program Files\Microsoft SQL Server\MSSQL11

Files of type: Database Files(*.mdf)

File name: AdventureWorks2012_Data.mdf

OK   Cancel

Press "OK" once you have selected the correct file. Information will populate into the "Attach Databases" screen based on what .mdf file you selected. Since we downloaded the database file but not any log file associated with it, click on the row with the word "Log" in the "File Type" column. As an extra step to make sure you selected the correct file, the log row will contain the text "Not Found" in the "Message" column. After confirming you have selected the correct row, click **Remove** and then press **OK**.

Right click on the "Databases" folder and select **Refresh**. Expand the "Databases" folder. The AdventureWorks2012 database should now appear in the expanded list, and you are ready to start the lessons!