

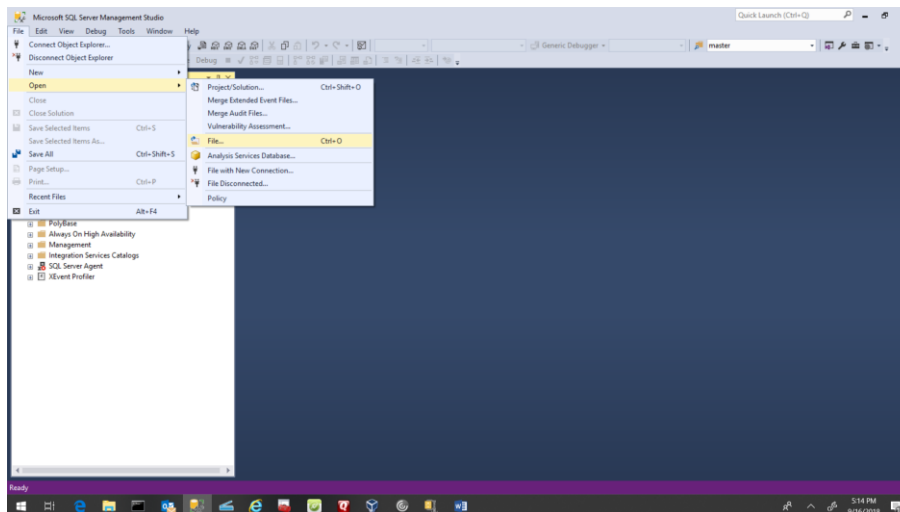
Creating the Baseball Database

1. After you've installed SQL Server, download the Baseball zip file from github repository.
2. Unzip the file and there will be 35 file you need to run in SQL Server Management Studio (SSMS) in numeric order. The files are:

00 - Create Database.sql	18 - Fielding_Data.sql
01 - AllstarFull_Data.sql	19 - Fielding_Data.sql
02 - Appearances_Data.sql	20 - Fielding_Data.sql
03 - Appearances_Data.sql	21 - Fielding_Data.sql
04 - Appearances_Data.sql	22 - HallOfFame_Data.sql
05 - Appearances_Data.sql	23 - HomeGames_Data.sql
06 - AwardsManagers_Data.sql	24 - Managers_Data.sql
07 - AwardsPlayers_Data.sql	26 - People_Data.sql
08 - AwardsShareManagers_Data.sql	27 - People_Data.sql
09 - AwardsSharePlayers_Data.sql	28 - Pitching_Data.sql
10 - Batting_Data.sql	29 - Pitching_Data.sql
11 - Batting_Data.sql	30 - Pitching_Data.sql
12 - Batting_Data.sql	31 - Salaries_Data.sql
13 - Batting_Data.sql	32 - Schools_Data.sql
14 - Batting_Data.sql	33 - Teams_Data.sql
15 - CollegePlaying_Data.sql	34 - TeamsFranchises_Data.sql
16 - Fielding_Data.sql	35 - Add Additional Columns.sql
17 - Fielding_Data.sql	36- Verify Table Row Counts

Please note: File #25 is missing. You will load that file as part of the Create Missing Table assignment later in the semester. Also, the file numbers in the screen shots below are different, but the process is the same.

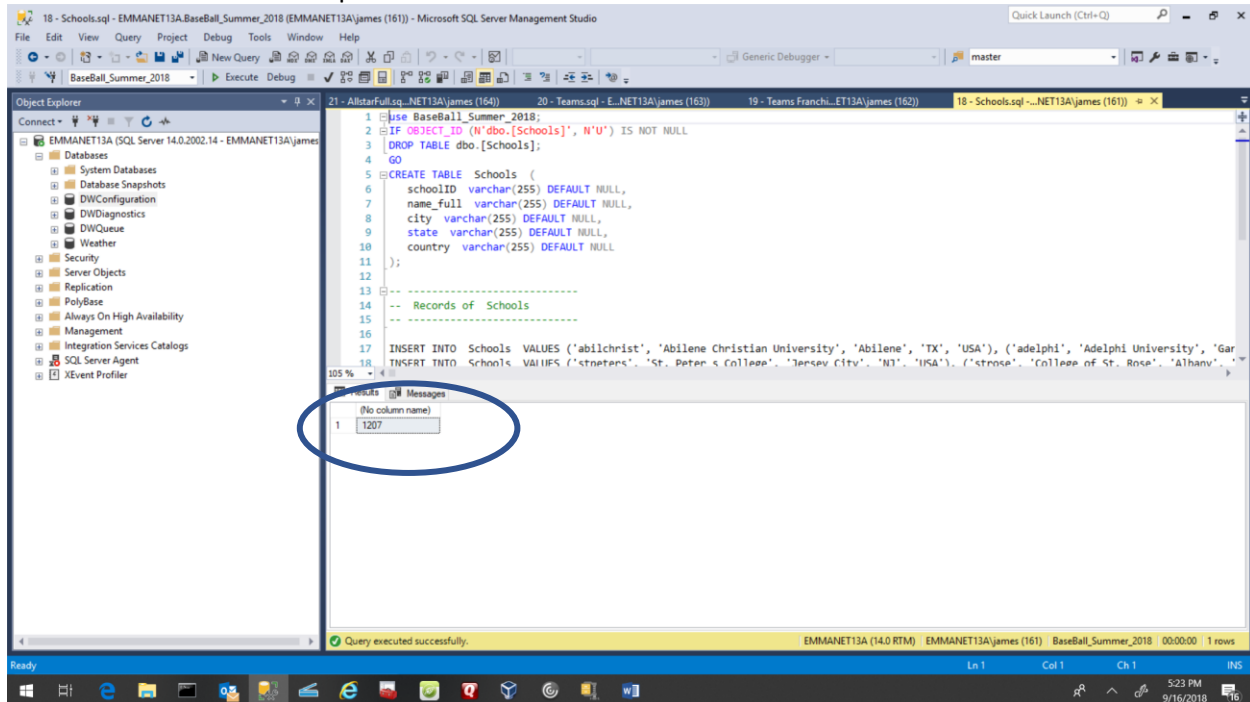
3. Open SSMS and from the toolbar select File, Open, Files as shown below



-
- The screenshot shows a Windows File Explorer window titled 'Open File'. The address bar indicates the current location is 'This PC > Downloads > BaseBall Summer 2018'. The left sidebar shows the 'Object Explorer' with a tree view of the file system, including 'Alex Documents', 'Alex School', 'Amazon Keys', 'Ancestry', 'Anne', 'Camera Uploads', 'Desktop', 'Documents', 'Email attachments', 'Epson Software', 'Evelyn Documents', 'Insurance', 'My Scans', 'NIIT', 'Pictures', 'Quicken', 'Software', 'Sues Documents', 'TurboTax', 'Work Related', and 'Wedding.zip'. The main pane displays a list of files and folders. The files are sorted by name and include a mix of SQL and CSV files. The 'File name' field at the bottom contains the following text: '21 - AllstarFull.sql' '00 - Create Database.sql' '01 - Appearances.sql' '02 - Awards Manager.sql' '03 - Awards Players.sql' '04 - Awards S...'. The 'File type' dropdown is set to 'All Files (*.*)'. The 'Open' button is highlighted.
- | Name | Date modified | Type | Size |
|--------------------------------|-------------------|----------------------|-----------|
| core | 5/5/2018 5:32 PM | File folder | |
| CSV Files | 5/5/2018 8:47 PM | File folder | |
| upstream | 5/5/2018 5:32 PM | File folder | |
| 00 - Create Database.sql | 5/16/2018 7:36 PM | Microsoft SQL Ser... | 17 KB |
| 01 - Appearances.sql | 5/16/2018 7:37 PM | Microsoft SQL Ser... | 12,683 KB |
| 02 - Awards Manager.sql | 5/16/2018 7:42 PM | Microsoft SQL Ser... | 13 KB |
| 03 - Awards Players.sql | 5/16/2018 7:42 PM | Microsoft SQL Ser... | 374 KB |
| 04 - Awards Share Managers.sql | 5/16/2018 7:38 PM | Microsoft SQL Ser... | 32 KB |
| 05 - Awards Share Players.sql | 5/16/2018 7:46 PM | Microsoft SQL Ser... | 377 KB |
| 06 - Batting.sql | 5/16/2018 7:46 PM | Microsoft SQL Ser... | 13,250 KB |
| 07 - College Playing.sql | 5/16/2018 7:45 PM | Microsoft SQL Ser... | 583 KB |
| 09 - Fielding Of.sql | 5/16/2018 7:45 PM | Microsoft SQL Ser... | 516 KB |
| 10 - Fielding.sql | 5/16/2018 7:45 PM | Microsoft SQL Ser... | 15,483 KB |
| 12 - Home Games.sql | 5/16/2018 7:45 PM | Microsoft SQL Ser... | 240 KB |
| 13 - Managers.sql | 5/16/2018 7:45 PM | Microsoft SQL Ser... | 234 KB |
| 14 - People.sql | 5/16/2018 7:44 PM | Microsoft SQL Ser... | 3,954 KB |
| 15 - Parks.sql | 5/16/2018 7:44 PM | Microsoft SQL Ser... | 17 KB |
| 16 - Pitching.sql | 5/16/2018 7:43 PM | Microsoft SQL Ser... | 8,086 KB |
| 17 - Salaries.sql | 5/16/2018 7:43 PM | Microsoft SQL Ser... | 1,243 KB |
| 18 - Schools.sql | 5/16/2018 7:43 PM | Microsoft SQL Ser... | 81 KB |
| 19 - Teams Franchise.sql | 5/16/2018 7:43 PM | Microsoft SQL Ser... | 6 KB |
| 20 - Teams.sql | 5/16/2018 7:42 PM | Microsoft SQL Ser... | 949 KB |
| 21 - AllstarFull.sql | 5/16/2018 7:42 PM | Microsoft SQL Ser... | 334 KB |
| AllstarFull.csv | 3/3/2018 1:49 AM | Microsoft Excel C... | 205 KB |
| Appearances.csv | 3/3/2018 1:49 AM | Microsoft Excel C... | 6,137 KB |
| AwardsManagers.csv | 3/3/2018 1:49 AM | Microsoft Excel C... | 8 KB |
| AwardsPlayers.csv | 3/3/2018 1:49 AM | Microsoft Excel C... | 241 KB |
| AwardsShareManagers.csv | 3/3/2018 1:49 AM | Microsoft Excel C... | 22 KB |
| AwardsSharePlayers.csv | 3/3/2018 1:49 AM | Microsoft Excel C... | 221 KB |

- The screenshot displays the SQL Server Enterprise Manager interface. On the left, the 'Object Explorer' shows the 'EMMANET13A' database structure, including 'System Databases', 'Database Snapshots', 'Databases', 'Diagnostics', 'Queue', 'Security', 'Server Objects', 'Replication', 'PolyBase', 'Always On High Availability', 'Management', 'Integration Services Catalogs', 'SQL Server Agent', and 'XEvent Profiler'. The 'Databases' folder is expanded, showing 'EMMANET13A'. In the center, the 'Query Editor' shows the 'Table structure for AllstarFull' script. The script includes comments, a 'USE Baseball Summer 2018;' statement, a check for the table's existence, a 'DROP TABLE' statement, and a 'CREATE TABLE' statement for 'AllstarFull'. The table has columns: 'playerID' (varchar(255), DEFAULT NULL), 'yearID' (int, DEFAULT NULL), 'gameNum' (int, DEFAULT NULL), 'gameID' (varchar(255), DEFAULT NULL), 'teamID' (varchar(255), DEFAULT NULL), 'lgID' (varchar(255), DEFAULT NULL), 'GP' (int, DEFAULT NULL), and 'startingPos' (varchar(255), DEFAULT NULL). The table is currently empty. On the right, a list of database files is shown, including '00 - Create Database.sql', '01 - Appearances.sql', '02 - Awards Manager.sql', '03 - Awards Players.sql', '04 - Awards Share Managers.sql', '05 - Awards Share Players.sql', '06 - Batting.sql', '07 - College Playing.sql', '09 - Fielding OF.sql', '10 - Fielding.sql', '12 - Home Games.sql', '13 - Managers.sql', '14 - People.sql', '15 - Parks.sql', '16 - Pitching.sql', '17 - Salaries.sql', '18 - Schools.sql', '19 - Teams Franchise.sql', and '21 - AllstarFull.sql'.

7. After you have run each of the scripts, you will have created the BaseBall Database. Note that when you run each script, at the end it will show you the number of rows loaded into each table. See the example below.



8. The last file to run 36- Verify Table Row Counts will provide a list of all the tables and the row counts as shown below

