How to import the DB.sql file in SSMS

1. Right click the file and open with SSMS
2. If a login screen appears just hit next
3. Hit the execute button directly under tools on the Taskbar

This creates the full schema, but does not transfer the data into the tables, follow the next steps to do that.

How to prep the Excel files for insertion

1. For the geometries to work properly one of the longest values must go first so it knows to use the variable maximum size to import.

* Make sure that the Lines spreadsheet has ORIG\_FID 45 as the first line
* Make sure that the Polygons spreadsheet has ORIG\_FID 42 as the first line

1. Run Cruz’s scripts

How to run Cruz’s Scripts

How to add a row to the MSSQL Database using Excel and SSMS

1. Add the data you wish to add to the excel spreadsheet, and save your changes
2. In SSMS navigate to OMAM\_MASTER database and right click it, select Tasks, then select Import Data
3. When the import export wizard opens, change the data source to Microsoft Excel, then hit browse and select the excel file to upload (Most likely the Points or Master file), then hit next.
4. Change the destination to Microsoft OLE DB Driver for SQL SERVER then hit next.
5. Hit next on the Specify Table Copy or Query page
6. Select the page of the excel spreadsheet to upload (On Points it is called Database$, the first option)
7. Click on the destination and select the table to update (VERY IMPORTANT)
8. Hit Edit Mappings…, check the Delete Rows in destination table box
9. If doing Lines or Polygons make sure to select the GEOM under the geometries instead of the ignore.
10. hit OK
11. Hit next 3 times
12. Hit Finish
13. If there are no errors then the table has been successfully updated, Hooray

COMMON ERRORS:

* If no destination was selected in step 7, a new table will be created instead of updating the old one. To fix: delete the new table (likely just named dbo.database or something similar)
* If the update fails and the red x is on the Copying To section, that means that the data input did not match the columns on the old table. To fix: make sure that all columns are filled in correctly and are the correct datatypes. Then restart the process from step 1.
* If you do not select the delete rows under edit mapping, it will append every row again to the end of the table. This will cause the update to fail because it cannot have more than one copy of any uniqueid. To fix just go back to edit mapping and check that box.
* If something else goes wrong DO NOT DELETE THE TABLE, simply delete the values and follow the steps above again to re-add the correct data.

How to delete all values in a Table using SSMS

1. Right click OMAM\_MASTER and select New Query.
2. Type in DELETE FROM Table\_Name (where Table-Name is the name of the table to clear)
3. Then hit the execute button right below the Tools button on the task bar
4. This should have removed all of the values in the table without delete the table itself.

How to Update the geometries in MMSQL

1. Update the Lines, and Polygons following the insert row instructions above
2. Then run the 2 stored procedures by clicking on them and hitting execute. Order does not matter.
3. Now the GEOM\_ tables are updated with the new geometries