# Set up and Run OSBIDE Analytics Module

1. Follow Milestone II Data Import Instructions to import survey and grade data.
2. Run fnSplit.sql if the UDF doesn’t exist in OSBIDE database
3. Deploy these store procs
   1. [dbo].[GetProcedureData].sql
   2. [dbo].[GetLookups].sql
   3. [dbo].[GetErrorQuotientSessionData].sql
   4. [dbo].[GetErrorQuotientDocumentData].sql
   5. [dbo].[GetErrorQuotientErrorTypeData].sql
4. Update [dbo].[BuildDocuments] table to include pre-calculated procedure required build-document change info
   1. Run AddColumnsToBuildDocumentsTable scripts to add new columns
   2. Deploy [dbo].[GetBuildDocUtilUsers]
   3. Deploy [dbo].[GetBuildDocUtilBatch]
   4. Login OSBIDE web app as admin
   5. Launch admin view, click on “Run Doc Utils” button

* The recommended process is to export OSBIDE database from Azure and restore on local server, then run the util against the local db, and upload to Azure afterwards.
* It takes < 3 min to update ~400K records in [dbo].[BuildDocuments] on local host.
* Running the util against Azure database directly can easily cause timeout error.
* Future incremental updates against Azure may work fine.
* Another option (code is commented out) is to generate TSQL batch update scripts after diff-match comparison and run the SQL scripts against Azure db directly.

Use these scripts to check update status

select count(DocumentId) from [dbo].[BuildDocuments] where UpdatedOn is not null

select count(DocumentId) from [dbo].[BuildDocuments] where UpdatedOn is null

1. Code merge and deployment.
2. Log on to OSBIDE web app with sys admin credential.
3. Click on analytics tab to launch analytics procedure wizard, then
   1. Enter criteria and click on next to launch refine data view, then
   2. Select the interested procedure data records and click on next to launch procedure formula parameters setup view, then
   3. Select analytic procedure and the formula parameters. Click on next to get the procedure results.
   4. In result view, use the top radio buttons to switch views.