Demo Script -

Demo Setup -

1. Ensure white pushpin icon is not in Icon Library.
2. Ensure network link does not exist in Google Earth.
3. Ensure Google Earth plugin installed on test machine.
4. Ensure popups allowed from ODBC2KML on test machine.
5. Ensure connectivity between all machines.
6. Delete everything named mysql.kml

Create Connection -

1. Click New Connection.
2. Enter connection details:
   1. Connection Name: mysql-demo (or whatever)
   2. Database Address: polytech-dev
   3. Port Number: 3306
   4. Database Name: test
   5. Username: root
   6. Password: polytech
   7. Database Type: MySQL
3. Click Create.

Edit Connection -

Show Mapping:

1. Click Select next to msustudentdatalocks.
2. Click View Table to show data in table.
3. Go back to ConnDetails.
4. Click Map Lat/Long.
5. Map Latitude to LATITUDE and Longitude to LONGITUDE.
6. Click Submit.
7. Show Current Mapping updated.
8. Click Map Name.
9. Select INSTALLATION\_NAME.
10. Click Submit.
11. Show Placemark Name Field updated.

Show Description Box:

1. Enter “Created using ”.
2. Click Link.
3. Enter the link info:
   1. Site Name: ODBC2KML
   2. Site URL: <http://polytech-deploy/Main.aspx>
4. Click Insert Link.
5. Click Newline.
6. Enter “Currently mapped table:”.
7. Click Table Name.
8. Click Newline.
9. Enter “Waterway:”
10. Click Field Value.
11. Select WATERWAY\_ID.
12. Click Insert Field.

Show Icons and Conditions:

1. Click Upload Icons.
2. Enter <http://maps.google.com/mapfiles/kml/pushpin/wht-pushpin.png> in the URL box.
3. Click Upload Icon Locally.
4. Click Browse.
5. Click icon.
6. Click Submit.
7. Click Add Icons.
8. Show icon that was added.
9. Select the white pushpin.
10. Click Modify Condition.
11. Set up condition:
    1. Table: msustudentdatalocks
    2. Field: WATERWAY\_ID
    3. Upper Operator: ==
    4. Upper Bound: MISSISSIPPI
12. Click Add.
13. Click Submit.
14. Click Add Icons.
15. Click the white arrow.
16. Click Modify Condition.
17. Set up condition:
    1. Table: msustudentdatalocks
    2. Field: WATERWAY\_ID
    3. Upper Operator: !=
    4. Upper Bound: MISSISSIPPI
18. Click Add.
19. Click Submit.

Show Overlays and Conditions -

1. Click Add Overlay.
2. Click the white box.
3. Select red.
4. Click Submit.
5. Click Add Overlay.
6. Click the white box.
7. Select yellow.
8. Click Submit.
9. Click Add Overlay.
10. Click the white box.
11. Select green.
12. Click Submit.
13. Click Modify Condition for red.
14. Set up condition:
    1. Lower Bound: 45
    2. Lower Operator: <
    3. Table: msustudentdatalocks
    4. Field: LATITUDE
15. Click Submit.
16. Click Modify Condition for yellow.
17. Set up condition:
    1. Lower Bound: 35
    2. Lower Operator: <
    3. Table: msustudentdatalocks
    4. Field: LATITUDE
    5. Upper Operator: <=
    6. Upper Bound: 45
18. Click Submit.
19. Click Modify Condition for green.
20. Set up condition:
    1. Table: msustudentdatalocks
    2. Field: LATITUDE
    3. Upper Operator: <=
    4. Upper Bound: 35
21. Click Submit.

Show Save Connection -

1. Click Save Connection.
2. Read message.
3. Click Yes.

Show KML Generation from web app

1. Go back to Main.aspx
2. Click the KML button next the connection we created.
3. Click Open With.
4. Choose Google Earth.
5. Click OK
6. Show Google Earth.
7. Show how the Mississippi River locks are a different icon than the rest and that all of the overlays are colored according to latitude.

Show Edit Connection -

1. Click edit connection button next to connection we created.
2. Scroll to bottom of page.
3. Click the yellow overlay.
4. Click blue in color picker.
5. Click Save Connection.
6. Click Yes.

Show Google Earth Integration -

1. Bring up Google Earth.
2. Uncheck KML file from before.
3. Right click ODBC2KML connection.
4. Click Properties.
5. Enter the address for the KMLGenWebSVC:

<http://polytech-deploy/KMLGenWebSVC.asmx/getKML?connID=> and add the connID for the connection you just created.

1. Click OK.

Show Open Connection -

1. Go to Main page.
2. Click open next to first connection.
3. Show icons, overlays, and mappings.
4. Bring up Google Maps.
5. Edit ODBC2KML connection.
6. Replace connID with 1.
7. Click OK.
8. Show how Google Earth changes.

Show Delete Connection -

1. Click delete button next to connection we created.
2. Click Yes.