

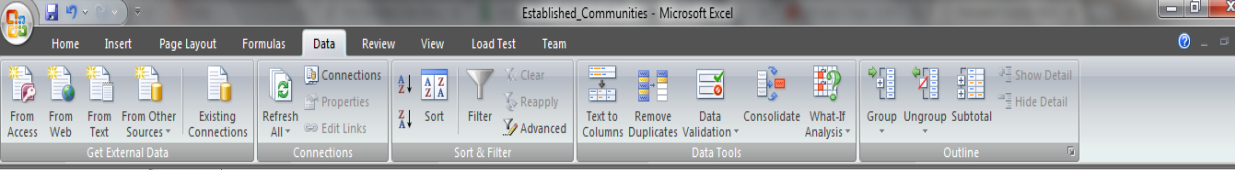
INFM 600 – Information Organization Assignment

Processing the “Utilization of CA’s sports facilities based on population density and proximity” dataset

The following steps were followed to get to the combined dataset

1. Download the “Established Communities” dataset in .csv format from data.howardcountymd.gov.
2. Download the “Sport Fields” dataset in .csv from data.howardcountymd.gov.
3. Open the “Established Communities” dataset in excel. This dataset contains some rows which do not correspond to the columns as highlighted in the screenshot shown below. Delete these rows which are not relevant to the dataset.

Note -: This dataset has 5 columns “FID”, “ZONE”, “CATEGORY”, “AREA”, “geom”.



	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	FID	ZONE	CATEGORY	AREA	geom									
2	Established_Communities.1	R-ED	Low Density Residential	281682.7301	POLYGON ((1370778.0494139066 584740.2424518355, 1370824.582996765 584749.3150371716, 1370829.8509495398									
3	Established_Communities.2	R-ED	Low Density Residential	4393652.145	POLYGON ((1370476.8981135366 586202.0993472227, 1370459.9235990366 586215.561893205, 1370433.8764991967									
4	Established_Communities.3	R-ED	Low Density Residential	139361.9368	POLYGON ((1353645.4963295986 526037.3960185604, 1353645.4963295986 526037.6886826085, 1353582.866224371									
5	Established_Communities.4	R-ED	Low Density Residential	5198181.256	POLYGON ((1336437.4359221673 557984.0176375763, 1336473.4335994723 558103.7172312092, 1336529.332431707									
6	Established_Communities.5	R-ED	Low Density Residential	517834.998	POLYGON ((1357467.3960687167 587001.6575130275, 1357465.9327485035 587012.4860826238, 1357465.932748501									
7	Established_Communities.6	R-ED	Low Density Residential	889893.1342	POLYGON ((1352578.443228382 582213.9664316166, 1352643.121981912 582253.7687414766, 1352643.4146459533 5									
8	Established_Communities.7	R-ED	Low Density Residential	258003.3541	POLYGON ((1363234.633702463 584975.2516784595, 1363119.9093975583 584983.1536076219, 1363083.9117202554									
9	Established_Communities.8	R-ED	Low Density Residential	9525358.653	POLYGON ((1342659.4734789226 554481.7070335428, 1342659.4734789196 554481.9996975862, 1342659.180814878									
10	Established_Communities.9	R-ED	Low Density Residential	34957254.04	POLYGON ((1354836.9316491464 543179.3143522493, 1354730.1092734085 543458.2231853547, 1354541.04830155 5									
11	Established_Communities.10	R-ED	Low Density Residential	3615881.68	POLYGON ((1354845.919259925 586883.6721975404, 1354539.1425812255 586883.6721975404, 1354539.1425812255 586883.6721975404									
12	82.5998972189 595553.5935170698	1366783.1	1366786.404529778 595562.6661	1366789.331170212	1366791.6724825	1366793.7	1366794.3	1366795.1	1366795.4	1366795.7	1366796.3	1366798.1	1366799.5	1366806.3
13	Established_Communities.11	R-ED	Low Density Residential	23711224.55	POLYGON ((1370135.0178028715 590244.8035805250, 1370059.0088538078 590275.1070759055, 1370085.590248351									
14	1523886264	1363995.5	1363994.682224485 592183.274	1363993.804230317	1363992.9262381	1363992.3	1363991.4	1363990.5	1363989.7	1363988.2	1363987.7	1363986.4	1363985.5	
15	Established_Communities.12	R-ED	Low Density Residential	2562092.864	POLYGON ((1344933.7657580152 589928.005280197, 1344935.229078232 589932.9805689255, 1344936.6923984452 5									
16	Established_Communities.13	R-ED	Low Density Residential	9518972.337	POLYGON ((1347358.7800193147 582547.0181126898, 1347362.291987835 582548.7740969455, 1347417.3128279392									
17	Established_Communities.14	R-ED	Low Density Residential	173825935.1	POLYGON ((1389475.288828511 564288.8893717517, 1389258.637921807 564288.8893717517, 1389257.1124216688									
18	2304.692285	1369675.8	1369714.5082812055 582410.344	1369741.140709130	1369760.4565359	1369777.7	1369781.8	1369785.5	1369796.7	1369802.3	1369805.5	1369819.5	1369793.2	1369801.1
19	Established_Communities.15	R-SC	Medium Density Residential	873071.1732	POLYGON ((1342221.0480704122 503925.4504470005, 1342271.380283827 503935.3457045201, 1342580.8373038714									
20	Established_Communities.16	R-SC	Medium Density Residential	1027776.628	POLYGON ((1357477.0539821433 542964.7916086492, 1357443.98294527 543025.6657296105, 1357410.3265803088 5									
21	Established_Communities.17	R-SC	Medium Density Residential	1721611.823	POLYGON ((1344851.8198259396 600153.3942828064, 1344770.7518859957 600152.8089547197, 1344768.117909609									
22	Established_Communities.18	R-SC	Medium Density Residential	2067100.334	POLYGON ((1351326.7191159527 547732.5815351325, 1351344.5716225835 547753.9460102773, 1351389.349221179									
23	Established_Communities.19	R-SC	Medium Density Residential	604399.0079	POLYGON ((1352420.9899731812 548510.1898977059, 1352417.7706687057 548510.7752257927, 1352219.3444447470									
24	Established_Communities.20	R-SC	Medium Density Residential	2140426.747	POLYGON ((1365287.964629001 543617.1397607699, 1365327.1816107782 543638.796899534, 1365379.5684744972									
25	Established_Communities.21	R-SC	Medium Density Residential	2593468.18	POLYGON ((1365956.701967532 545620.7177999718, 1366071.718936478 545707.0536926853, 1366075.230904995 54									
26	Established_Communities.22	R-SC	Medium Density Residential	1290588.627	POLYGON ((1366583.003019811 566877.492579941, 1366583.2956838554 566878.3705720665, 1366590.9049489754 5									
27	Established_Communities.23	R-SC	Medium Density Residential	660854.7134	POLYGON ((1365104.4642739627 571824.100236772, 1365083.6851269028 571935.0199091121, 1365083.6851269011									

4. Create a new excel file and rename the file to “Utilization of CA’s sports facilities based on population density and proximity”.
5. Now copy all the contents from the “Established Communities” file and paste it in the file created in step 4. Insert two more columns named “Feature” and “Type”. The resulting dataset will now have 7 columns “FID”, “ZONE”, “CATEGORY”, “AREA”, “FEATURE”, “TYPE” and “geom” as seen in the screenshot below.

Utilization of CA's sports facilities based on population density and proximity - Microsoft Excel															
A310 Sport_Fields.1															
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
296 Established_Communities.300			173924.5756			POLYGON ((1368678.8909188863 553632.3199893394, 1368817.7798077841 554250.3755444									
297 Established_Communities.301			40774.49847			POLYGON ((1370887.224252214 554104.5422115511, 1371046.946474408 554410.097767091									
298 Established_Communities.302			216628.0864			POLYGON ((1372060.835363306 553625.3755448966, 1371824.7242522303 553930.9311004									
299 Established_Communities.303			152814.5807			POLYGON ((1347515.6242618028 550638.7709810598, 1347511.3366390818 550394.3764831									
300 Established_Communities.304			107998.3182			POLYGON ((1365215.266229412 555631.1408467429, 1365006.9328960686 555826.4533467									
301 Established_Communities.305			1008605.957			POLYGON ((1363353.287062697 553261.3491800763, 1362988.703729398 553560.82834672									
302 Established_Communities.306			51974.07288			POLYGON ((1361123.919007159 550810.0297356275, 1360863.5023404884 550679.8214022									
303 Established_Communities.307			224048.8608			POLYGON ((1364330.7131584664 559856.0381496882, 1364300.3410115307 559309.339504									
304 Established_Communities.308			1000968.078			POLYGON ((1365298.1150270458 569119.1020918831, 1365206.5577000908 568935.9874381									
305 Established_Communities.309			1111825.592			POLYGON ((1367233.8985108656 567287.9555531209, 1367050.7838570098 567301.035171									
306 Established_Communities.310			6113287.776			POLYGON ((1363223.510132916 579375.2916525514, 1363005.418522677 578559.00591137									
307 Established_Communities.311			5086368.639			POLYGON ((1368314.7245485117 588012.4346328459, 1367658.5294143024 587670.071954									
308 Established_Communities.312			71643.25757			POLYGON ((1369037.1832275733 590966.7775683417, 1369343.7409706176 591192.565606									
309 Established_Communities.313			93126.79987			POLYGON ((1369633.7776376074 591223.7720834503, 1369540.1582071388 591159.523454									
310 Sport_Fields.1				Sport Fields	Misc	POLYGON ((1359209 1359221.5 1359298.0 1359314.5 1359323.7 1359360.5 1359273.1 1355									
311 Sport_Fields.2				Sport Fields	Tennis Courts	POLYGON ((1360675 1360715.5 1360826.5 1360786.4 1360675.286978688 592382.2857884									
312 Sport_Fields.3				Sport Fields	Misc	POLYGON ((1359334 1359356.5 1359314.1 1359230.1 1359273.1 1359334.8856611939 5915									
313 Sport_Fields.4				Sport Fields	Tennis Courts	POLYGON ((1360911 1360949.8 1361050.4 1361012.7 1360911.4668614867 592477.401602									
314 Sport_Fields.5				Sport Fields	Misc	POLYGON ((1360804 1360816.8 1360843.8 1360832.1 1360804.6444857474 592420.321214									
315 Sport_Fields.6				Sport Fields	Tennis Courts	POLYGON ((1353958 1353953.5 1354060.7 1354066.0 1353958.354525018 589438.9635067									
316 Sport_Fields.7				Sport Fields	Tennis Courts	POLYGON ((1353325 1353288.1 1353229.0 1353267.5 1353325.9075278335 591278.064353									
317 Sport_Fields.8				Sport Fields	Misc	POLYGON ((1353919 1353937.8 1353896.0 1353879.0 1353848.8 1353893.0 1353919.13754									
318 Sport_Fields.9				Sport Fields	Baseball Field	POLYGON ((1353748 1353750.8 1353757.8 1353764.5 1353772.5 1353780.4 1353788.8 1353									
319 Sport_Fields.10				Sport Fields	Golf Courses	POLYGON ((1343345 1343359.2 1343364.7 1343366.8 1343365.0 1343358.0 1343350.1 1343									
320 Sport_Fields.11				Sport Fields	Golf Courses	POLYGON ((1342963 1342961.5 1342959.1 1342957.5 1342957.6 1342959.1 1342960.6 1342									
321 Sport_Fields.12				Sport Fields	Tennis Courts	POLYGON ((1343997 1344033.2 1344127.4 1344092.5 1343997.8264814378 589751.236040									
322 Sport_Fields.13				Sport Fields	Tennis Courts	POLYGON ((1340354 1340367.0 1340373.1 1340470.5 1340478.8 1340468.5 1340458.5 1340									

8. Save the combined dataset as a .csv file.