## Chapter 8: Querying data



Below shows what happens when you shift click on eight different parcels. You have to click on "selected" on the bottom row to see just the selected.

	Sele	cted Attrib	utes of Neigl	hborhood I	Parcels					Selection Options
	FID	Shape *	PROPERTY_	APN	LANDUSE	ZONING	ZIP_CODE	OWNER_NAME	ADDF	Interactive selection
Þ	50	Polygon	3579	016905509	450	R-1	92373	COMMUNITY MISSIONARY BAPT CH/RED	939 N CLAY	
	- 58	8 Polygon	3587	016904220	510	R-1	92373	MARMOLEJO, SALVADOR	933 COLUME	When you select features by dragging a box with the Select Features to
	217	Polygon	3862	016903318	363	R-1	92373	LEE, ANDREW B JR	0	or Edit tool, or by using the Select By Graphics command, how do you
	234	Polygon	3903	016906617	311	R-1	92373	NOVOGRODER COMPANIES INC	0	want features to be selected?
	424	Polygon	10716	016729125	510	R-1	92374	REESE, DAVID L	1104 WEBST	<ul> <li>Select features partially or completely within the box or graphic(s)</li> </ul>
	425	i Polygon	10717	016728219	0	R-1	92374	ROBLES, STELLA M	1111 CALHC	Select features completely within the box or graphic(s)
	431	Polygon	10731	016728114	175	R-1	92373	WILLIAMS, LILLIAN	740 W BROC	<ul> <li>Select features that the box or graphic(s) are completely within</li> </ul>
	443	8 Polygon	10789	016729401	510	R-1	92373	SEPULVEDA, SIMON	1102 WASH	$\overline{\mathbf{M}}$ . Clear the coloritor for invisible layers when a new coloritor is made
										Selection Color Choose the color you want selected features to be shown with by default. Warning Threshold Warning Threshold Chippey a warning when performing a 'Select All' or 'Switch Selection the number of records is greater than this threshold. Record Count > 2000 Save layers with their current selections
<									>	
	R	ecord: 14 4	1	▶I Sh	ow: All Se	elected	Records (8 d	out of 510 Selected) Options	•	OK Can

Selection options allows you to adjust the sensitivity of the selector.

**?**×

From this screen I could choose "selected from the bottom of the menu. Which would bring just choose 8 selections. The results are shown below.		Attributes of Neighborhood Parcels					
From this screen I could choose a selected from the bottom of the provide and	l.	ZIP_CODE OWNER_NAME	ADDRESS PA	ARCEL   BD_RMS   STATUS	SALE_PRICE SQ_FT	BTH_RMS   POOL	IMAGE 🔼
From this screen I could choose "selected from the bottom of the mean. Which would bring just those 8 selections. The 1 could right click on SALF. PRICF. and choose ascending or descending. The results are shown below.	ŀ	92373 JARNDYCE, JOHN 92373 BARNES, HENRY	937 CLAY ST 11 901 WASHINGTON ST 16	3 Y 3 Y	178000 2192 166500 1902	3 Y 2 Y	data\house3.jpg
From this screen I could choose "selected from the bottom of the menu. Which would bring just hose 8 selections. Then I could right ick on SALF, PRICF and choose ascending or the screen in the scree		92373 SMITH, SEPTIMUS 92374 O'DONNELL, PATRICIA	1018 TEXAS ST 05 1020 CALHOUN ST 03	3 Y 3 Y	164000 1596 162000 1608	3 N 2.5 Y	
culd choose "selected from the bottom of the menu. Which would bring just those 8 selections. Then 1 could right click on SALF_PRICF. and choose ascenting or descending. The results are shown below.	From this screen I	92373 JELLYBY, CADDY 92373 ZOSHCHENKO MIKHAU	831 WASHINGTON ST 06 1149 CLAY ST 44	3 Y	159900 1832 158900 1809	2.5 Y	
from the bottom of the menu. Which would be address of the second	could choose "selected	92373 ZOSHCHENNO, WIIKHAIL 92374 DALLOWAY, RICHARD	925 OHIO ST 10	2 Y	145900 1523	2.5 N	
The first or the second	from the bottom of the	92373 BRANDEIS, GAYLE 92373 MALONEY, KEVIN	1016 N LAWTON ST 03 936 CLAY ST 07	3 Y 3 Y	145000 1887 142000 1272	2.5 Y 2 N	
mehn. W nich Wolds		92373 PLU, WALTER 92373 STEERFORTH, JAMES	1143 COLUMBIA 14 1144 WASHINGTON ST 10	2 Y 3 Y	135000 1086 128500 1380	1 N 2 N	
bring just those 8 selections. Then I could right click on SALE_PRICE and choose ascending or descending. The results are shown below.	menu. Which would	92374 HUBER, MAXINE	1136 COLUMBIA 09	3 Y	120000 1236 115000 1085	1.5 N	
sclections. Then I could right click on choose ascending or descending. The results are shown below.	bring just those 8	92373 AMDAHL, GARY	1029 CALHOUN ST 09	3 Y	115500 1116	2 N	
could right click on SALE_PRICE and choose ascending of descending. The results are shown below.	selections. Then I	92373 PLUNK, SANDY 92373 GONZALEZ, BOB	822 COLUMBIA 01 1148 LAWTON ST 09	2 Y 3 Y	112500 1567 110500 1498	2 N 0	data/house6.jpg data/house7.jpg
Count ognit cites and choose ascending or results are shown below.	could right click on	92373 HARRISON, BLANCHE 92373 RUBIO, DARIO	940 COLUMBIA 09 920 TEXAS ST 04	2 Y 2 Y	109500 1180 108750 1663	1.5 N (	data\house2.jpg
SALE_PRICE and choose ascending or descending. The results are shown below.		92373 GREENE, RICH	1108 CLAY ST 02	2 Y	102750 1354	1.5 N	
choose ascending or descending. The results are shown below.	SALE_PRICE and	92373 CARSTONE, RICHARD	306 W COLTON AVE 12	2 T 2 Y	96900 1196	2 N	
descending. The results are shown below. We want the second of the seco	choose ascending or	92373 VELARDE, LOPEZ 92373 VILLEGAS, DANIEL	913 CALHOUN ST 14 920 WEBSTER ST 04	2 Y 2 Y	95500 1435 94900 1200	1.5 N 2 N	
results are shown below.	descending The	92373 HOUSEN, JACK 92373 SELWYN, VICTORIA	903 WEBSTER ST 17 1116 OHIO ST 04	2 Y	93500 1566 93500 1101	2 N 1	data\house4.jpg
Listing and Shown       Interesting in the second state with the second state withe second state with the second state withe second stat	results are shown	92373 MCGUNIGLE, HEATHER	505 W BROCKTON AVE 08	2 Y	92700 858	1 N I	data\house8.jpg
below. Below.		92374 DASHVOOD, ELINOR 92373 LONGSWORTH, ELIZABETH	1132 LAWTON ST 05	2 Y	91500 1146	2 N	
Bit Could and the part of the part	below.	92373 KLUSMAN, STEVE 92373 ZEA, LEOPOLDO	1119 WEBSTER ST 21 932 WEBSTER ST 06	2 Y 2 Y	89500 965 88000 1126	2 N 2 N	
Image: description of the second of		92373 SUMMERSON, ESTHER 92373 COTTER JACK	826 COLUMBIA 02 1007 WEBSTER ST 13	2 Y	87000 964	2 N 1 N	
Viewer       Note of the second		92373 WALSH, PETER	1017 WASHINGTON ST 08	2 Y	85000 1015	1.5 N	
State       Initial works		92373 TING, HONG 92373 REDWOOD, CHAUNCEY	835 WASHINGTON ST 05 1004 OHIO ST 01	2 Y 2 Y	84900 1196 83600 1208	1.5 N 1.5 N	data\house5.jpg data\house1.jpg
Image:         Image:<			1123 LAWTON ST 16 1014 WEBSTER ST 03	2 Y 2 N	82000 955	1 N	
Image: Text of the distance       Text of the distance       Text of the distance         Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance         Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance         Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance         Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance         Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance         Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the distance       Image: Text of the dist							>
Provide	Selected Attributes of Neighborhood	Parcels					
Private				ADDR			THE E
237 Playson 3366 Oresolder) 510 PL 9237 FLMM, SANEY 822 COLUMBIA 01 2 Y 57 Playson 3366 Oresolder) 510 PL 9237 HLMM, SANEY 822 COLUMBIA 00 2 Y 19 Playson 3722 Oresolder) 510 PL 9237 HLMM, SANEY 800 MERCHARK AVE 08 2 Y 19 Playson 3722 Oresolder) 510 PL 9237 HLMM, CALC 10 Playson 372 Oresolder) 510 PL 9237 HLMM, CALC 10 Playso	157 Polygon 3760 01690621	3 510 R-1 92373 BARN	ES, HENRY	901 WASHING	TON ST 16	3 Y	103
If all Program       3880 018804509       500 (Pr1       02273 HANDRAW       000 004801481       107       217         If all Program       3820 018804507       500 (Pr1       92273 HANDRAW       000 004801481       107       217         If all Program       3820 018804507       500 (Pr1       92273 HANDRAW       000 004801481       107       217         If all Program       3820 018804507       500 (Pr1       92273 HANDRAW       000 004801481       107       217         If all Program       3820 018804507       500 (Pr1       92273 HANDRAW       000 004801481       107       217         If all Program       3820 018804507       500 (Pr1       92273 HANDRAW       000 004801481       107       217         Vou can then shift drag the SALE_PRICE column next to the addresss column.       If all Program       If all Prog	224 Polygon 3886 01690460	510 R-1 92373 PLUN	K, SANDY	822 COLUMBI	A. 01	2 Y	
Image: Normal state       Image: Normal state<	57 Polygon 3586 016904503 159 Polygon 3762 016904513	3 510 R-1 92373 HARR 7 510 R-1 92373 HOUS	RISON, BLANCHE	940 COLUMBIA 903 WEBSTER	A 09 (ST 17	2 Y 2 Y	
10 holyagen       3920 (04808305       510 R-1       2023 REV.VOC       BS VVASHAR/OUST       06       2 1/2         You can then shift drag the SALE_PRICE column next to the addresss colum.         10 holyagen       10 holyagen       10 holyagen       10 holyagen       10 holyagen       10 holyagen         State Expression         Image: State Expression	462 Polygon 10927 01690410	3 510 R-1 92373 MCGL	JNIGLE, HEATHER	505 W BROCK	TON AVE 08	2 Y	
You can then shift drag the SALE_PRICE column next to the addresses column.	170 Polygon 3792 01690630: 39 Polygon 3551 01690540:	5 510 R-1 92373 TING, 1 510 R-1 92373 REDM	HONG	835 WASHING 1004 OHIO ST	TON ST 05	2 Y	
Image: Sector	You can then shift dra	ag the SALE_PRICE co	olumn next t	to the address	ss column.	Π	
Value     Layer     Field       831 WASHINGTON ST     Neighborhood Parcels     ADDRESS	FID       Image: Selection of the		Image: Second secon	Addresses   Route Locationshington St hoborhood Parcels hat are similar to or contain fields the layer's primary display for how context menu.	On the right (symbolized toolbar). I out that it "took tup"a a add a period street, it co could only know a My being muc	stern ed by bin did not find it w ySql data	Find feature find feature ike it because the exact syntax the cor example when the abbreviation find the address (in without the period) thas is capable of obust than that!
Above these thicker blue One object found			Value 831 WASHINGTON	ST Nei	ghborhood Parcels	ADDRESS	
		bove these thicker blu	One object found				ut <mark>es Table</mark>

On the right it is shown that you can use layer properties and display to change the color of the border to thin blue and create hyperlinks from them. This is accessed through the lighting bolt on the tool bar.

Once you have hyperlinks you can link them to photographs (on your web server) that will pop up in a web browser.

After getting my results from the search for *831 Washington St*. I am able to right click the address and get more information (as shown in the pic on the right).

The book stated the selection should blink. I was unable to notice any blinking on my small laptop.

The book also stated right clicking identify features would bring a contextual box with info. This is correctly identified as *"identify"* **NOT** *"identify features"*.





Select By Attributes							
Layer:	Neighborl	hood Parcels selectable layer:	s in this list	•			
Method:	Create a new	-					
"STATUS" "SALE_PRICE" "SQ_FT" "BTH_RMS" "POOL" "MAGE"							
= <	> Like	'N'					
$\rightarrow$ $\rightarrow$	= And	Υ'					
< <	= Or						
_ % (	) Not						
ls		Get Unique Valu	ies Go To:				
SELECT * FROM neighborhood WHERE:							
"STATUS" = 'Y"							
Clear	Verify	Help	Load	Save			
		ОК	Apply	Close			

You can get to "Select by Attributes" by clicking on Selection in the menu bar. The box on the left pops up. You can then choose STATUS then "Get Unique Values" Now you know there are only two possibilities. So double click STATUS which will appear in the formula box, then the equal sign (=), then double click the 'Y' and it will be appended behind the equal sign.



You can now see from the above that compound selections are possible. The map shows a section of 3 bedroom house under \$175,000 that are for sale. *Note:* this search can be saved.

Layer/Table:	•	Report Viewer Contents Field: ADDRESS	•
Available Fields: FID PROPERTY_ APN LANDUSE ZONING ZIP, CODE DWNER, NAME PARCEL BD_RMS STATUS SQ.FT FOOL		Report Fields: ADDRESS SALE PRICE BTH_RMS	
		,	

Report Viewer			
Brint Export Add	Eopy 🔍 🍳 💷 🗾 👍 (	<u> <u> </u> </u>	I
ADDRESS	SALE_PRICE	BTH_RMS	
1020 CALHOUN ST	162000	2.5	
1016 N LAWTON ST	145000 Г	2.5	
936 CLAY ST	142000	2	
901 WASHINGT ON ST	166500	2	
831 WASHINGT ON ST	159900	2.5	
1148 LAWTON ST	110500 Г	2	
1149 CLAY ST	158900	2.5	
1144 WASHINGT ON ST	128500	2	
1136	120000	1.5	

On the left is the criteria for a report. On the results shows a print preview of that report. *Note:* I am using a laptop so everything gets scrutched.

