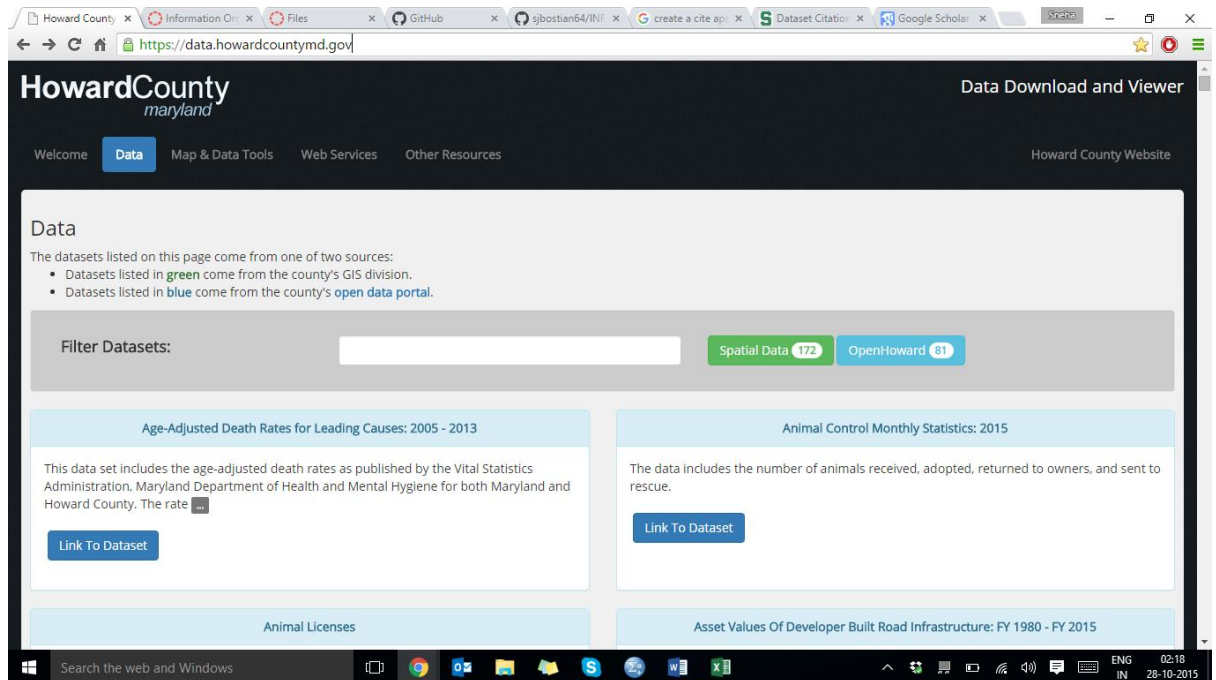
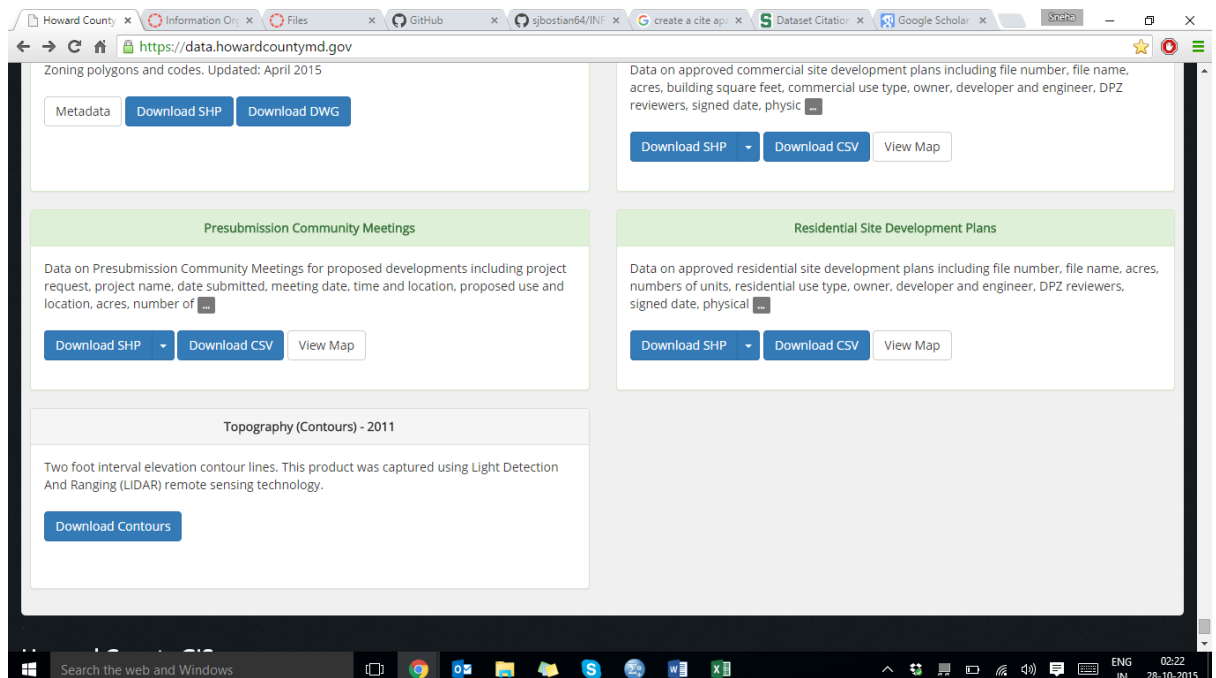


Steps for processing documents:

1. We open the official Howard County portal <https://data.howardcountymd.gov/>



2. We scroll down until we reach the section “Residential Site Development Plans” which is our focal dataset.



3. We click on “Download CSV” button. The csv file gets downloaded.
4. We rename the file to “Residence.csv”.
5. We open the file.

Park_Playgrounds (1).csv - Excel

FID	date	Site_Nam	Site_id	RESID#	Park_area	code_911	surface	m	condition	manufact	website	Phone	Fax	Manufact	website_2	Phone_2	Phone_2a	Built_yrds	Photo_1	Unit_Num	X
1	Park_Play	Centennic	CEN		west	CENW	fibar	G		Game Tim	www.gam	256-845-51	256-845-9361					1997	L:MD/Parks/CEN/M	1350	
2	Park_Play	Centennic	CEN		north	CENN	Pour in Pl	G		Game Tim	www.gam	256-845-51	256-845-9361					1996		1354	
3	Park_Play	05/30/01	Dickinson	DIC	2578	DIC	rubber	E		M1927-Custom	Park Service							2006		1345	
4	Park_Play	05/30/01	Huntingto	HUN	1607	HUN	mulch													1355	
5	Park_Play	05/30/01	Lisbon Par	LIS	2827	main	mulch	F		none										1293	
6	Park_Play	05/29/01	Hammonc	HAM	1583	HAM	mulch	F												1346	
7	Park_Play	05/31/01	Schooley	SMP	1715	SMP	mulch	G		Game Tim	www.gam	256-845-51	256-845-9361					1996		1324	
8	Park_Play	05/31/01	Rockburn	RBP		phase1	RBP1	mulch	E	GAMETIME										1380	
9	Park_Play	07/17/01	Martin Ro	MAR	2494	MAR	mulch													1348	
10	Park_Play	07/24/01	Laurel Wo	LWP	1754	LWP	mulch													1356	
11	Park_Play	07/31/01	Cypressm	CYP	1534	CYP	fibar	G		GAME TIM	www.gam	800-233-01	410-827-81	none						1353	
12	Park_Play	07/31/01	Atholton	ATH	1429	1	ATH	mulch												1350	
13	Park_Play	07/31/01	Atholton	ATH	1430	2	ATH	mulch												1350	
14	Park_Play	07/31/01	Guilford	P GUI	2493	GUI	mulch													1362	
15	Park_Play	07/31/01	Harwood	HAR	1588	HAR	mulch	F		Unknown										1386	
16	Park_Play	07/31/01	Waterloo	WAT	1750	WAT	mulch	E		GAMETIME										1372	
17	Park_Play	10/17/01	Cedar Lan	CLP	2579	phase2	CLPE	rubber	G	Gametime	www.gametime.com									1345	
18	Park_Play	10/17/01	Cedar Lan	CLP	1796	phase1	CLPW	mulch	G											1344	
19	Park_Play	01/31/01	Centennic	CEN		south	CENS	rubber	G	Game Tim	www.gam	256-845-51	256-845-9361							1351	
20	Park_Play	01/31/01	Centennic	CEN		east	CENE	Fibor	G	Game Tim	www.gam	256-845-51	256-845-9361							1354	
21	Park_Play	01/31/01	Roger Car	RCR	1645	RCR	mulch	F		TINYTIKES										1368	
22	Park_Play	01/31/01	Rockburn	RBP		phase2	RBP2	Rubber/M	E	Game Tim	www.gam	256-845-51	256-845-9361							1375	

- We remove the attributes unnecessary to the assignment. In this case, we have removed 13 attributes.
- We bring the “geom” attribute to the front such that it becomes the first column in our file.
- We save the edited file.

Residence.csv - Excel

geom	Plan_ID	File_Name	Allocation_Area	Planning_Area	Location_Description
POINT (1375993.1883762516 569341.0785817523)	25547	TURLEY'S OVERLOOK	Established Communities	Elkridge	ILCHESTER RD AT TALBOT LANDING
POINT (1369340.0913013555 554441.826466424)	25392	FAZ PROPERTY	Established Communities	Columbia	N SIDE LARK BROWN RD W OF WATERLOO RD
POINT (1384093.3907030374 560820.0789882299)	25265	AWILDA ACRES - LOT 1	Established Communities	Elkridge	S SIDE BAUMAN DR
POINT (1376791.0645699948 551713.8999880478)	25508	MORRIS PLACE	ELK - Growth & Revitalization	Elkridge	WEST SIDE OF US RT 1 SOUTH SIDE OF CEMETERY L
POINT (1343433.134700179 595828.1185869388)	25417	VILLAGES AT TURF VALLEY, PH. 1, SEC. 3	EC - Growth & Revitalization	Ellicott City	N SIDE FAIRMONT LN W OF RESORT RD
POINT (1362908.4325483516 589232.584637193)	25533	THE GATHERINGS AT ELLICOTT'S RETREAT - PH. 1	Established Communities	Ellicott City	TERMINUS OF CARL'S COURT
POINT (1362908.4325483516 589232.584637193)	25258	THE GATHERINGS AT ELLICOTT'S RETREAT	Established Communities	Ellicott City	TERMINUS OF CARL'S COURT
POINT (1386924.2046741545 551854.6962453723)	25196	OXFORD SQUARE	ELK - Growth & Revitalization	Elkridge	S SIDE OF ST MARGARETS BLVD AT COCA COLA DR
POINT (1334597.942366965 560902.7941511031)	25517	TROTTER WOODS, LOT 24	Established Communities	Columbia	N SIDE TALL TIMBER DR 650' W OF TROTTER RD
POINT (1354207.5763216093 575464.174796002)	25488	CENTENNIAL LAKE OVERLOOK	Established Communities	Ellicott City	WELLFORD DR
POINT (1335966.6476829648 544332.2919834275)	25522	MAPLE LAWN FARMS	SE - Growth & Revitalization	Southeast	EAST SIDE OF FEDERAL ST SOUTH OF DAIRY ST
POINT (1361454.7698957287 536932.4686365612)	25478	LAWRENCE WHITEHEAD PROPERTY - PARCEL 345	Established Communities	Southeast	NE QUADRANT COMMERCIAL ST & COMMERCE ST
POINT (1334687.9343430325 564293.5081524923)	25208	TAJ PROPERTY, LOTS 1 AND 2	Established Communities	Columbia	TROTTER RD N TROTTER CROSSING LN
POINT (1380402.4623332637 562445.0012636296)	25140	MONTGOMERY CROSSING PHASE 2	Established Communities	Elkridge	S SIDE MONTGOMERY RD W OF MARSHALEE DR
POINT (1351473.6567582637 529241.3234981168)	25138	HIGH RIDGE MEADOWS, SECTION TWO	Established Communities	Southeast	INTERSECTION OF OLD SCAGGSVILLE RD & HIGH RI
POINT (1336676.471076697 544521.3305361923)	25396	MAPLE LAWN FARMS	SE - Growth & Revitalization	Southeast	SOUTH OF IAGER BLVD, WEST OF PACA ST, NORTH
POINT (1336110.5223424807 544073.4633017238)	25357	MAPLE LAWN FARMS	SE - Growth & Revitalization	Southeast	NORTH OF IAGER BLVD WEST OF FEDERAL ST
POINT (1375868.2190483771 551237.7380676251)	24859	BROMPTON HOUSE - (GROSVENOR HOUSE, PHASE II)	ELK - Growth & Revitalization	Elkridge	W SIDE BLUE STREAM DR OPPOSITE SAGE AVE
POINT (1336344.9555099048 544250.7670573387)	25363	MAPLE LAWN FARMS GARDEN DIST AREA 1	SE - Growth & Revitalization	Southeast	TERMINUS OAK CREST LANE
POINT (1351363.0389203504 586864.8529761918)	24768	DEMIRELA PLAZA	Established Communities	Ellicott City	S SIDE OF FREDERICK RD W OF CENTENNIAL LN
POINT (1335934.88269043 544021.2239858694)	25340	MAPLE LAWN FARMS	SE - Growth & Revitalization	Southeast	S SIDE GREEN ST E OF FEDERAL ST
POINT (1354449.6663696095 539791.4921297934)	25150	WINCOPIA FARMS	Established Communities	Southeast	EAST SIDE OF GORMAN RD AT WINCOPIA FARMS

- We download the second dataset named Park_Playgrounds and save it.
- We open the file.

