

	department	dept_name	Department Spend	
1	1.0	PACKAGED GROCERY	44872269.2099991	
2	2.0	PRODUCE	42486999.5499998	
3	4.0	REF GROCERY	22902198.9199997	
4	8.0	DELI	18536880.92	
5	3.0	BULK	16958648.43	
6	13.0	MEAT	16790093.68	
7	10.0	SUPPLEMENTS	12378403.03	
8	6.0	FROZEN	9647408.12999999	
9	11.0	PERSONAL CARE	9387619.26000003	
10	5.0	CHEESE	6499250.58	
11	9.0	GEN MERCH	3664674.78	
12	16.0	FISH&SEAFOOD	3379144.6	
13	14.0	JUICE BAR	3108752.17	
14	17.0	BAKEHOUSE	2734102.26	
15	7.0	BREAD	2405512.82	
16	12.0	HERBS&SPICES	1668574.91	
17	18.0	FLOWERS	992491.92	
18	22.0	BEER & WINE	38846.0	
19	21.0	CATERING	25.39	
20	20.0	MISC P/I - WWW	0.5	

1.

	department	dept_name	Department Spend	
1	1.0	PACKAGED GROCERY	44872269.2099991	
2	2.0	PRODUCE	42486999.5499998	
3	4.0	REF GROCERY	22902198.9199997	
4	8.0	DELI	18536880.92	
5	3.0	BULK	16958648.43	
6	13.0	MEAT	16790093.68	
7	10.0	SUPPLEMENTS	12378403.03	
8	6.0	FROZEN	9647408.12999999	
9	11.0	PERSONAL CARE	9387619.26000003	
10	5.0	CHEESE	6499250.58	
11	9.0	GEN MERCH	3664674.78	
12	16.0	FISH&SEAFOOD	3379144.6	
13	14.0	JUICE BAR	3108752.17	
14	17.0	BAKEHOUSE	2734102.26	
15	7.0	BREAD	2405512.82	
16	12.0	HERBS&SPICES	1668574.91	
17	18.0	FLOWERS	992491.92	
18	22.0	BEER & WINE	38846.0	
19	21.0	CATERING	25.39	
20	20.0	MISC P/I - WWW	0.5	

2.

3.

	year	COUNT(DISTINCT card_no)	total_spend
1	2017	9189	2330483.76
2	2016	16873	26966508.27
3	2015	16956	31861172.79
4	2014	16365	31945442.06
5	2013	16213	32438586.53
6	2012	16006	32677950.48
7	2011	15547	30807560.37
8	2010	15225	29424192.8

	hour	Num Days	Total Sales	
1	00	9	842.51	
2	01	1	20.0	
3	04	4	208.34	
4	05	20	4103.56	
5	06	137	24616.68	
6	07	1263	271845.38	
7	08	1957	1767686.2	
8	09	2579	8062230.49	
9	10	2579	11910643.82	
10	11	2579	15672562.46	
11	12	2579	17396755.95	
12	13	2579	17385532.25	
13	14	2579	17314568.45	
14	15	2572	17558727.73	
15	16	2572	17445289.08	
16	17	2572	17273842.34	
17	18	2571	16089685.16	
18	19	2558	13603280.23	
19	20	2558	11129121.53	
20	21	2545	7389347.53	
21	22	2025	454793.93	

4.

	hour	Num Days	Total Sales	
1	00	9	842.51	
2	01	1	20.0	
3	04	4	208.34	
4	05	20	4103.56	
5	06	137	24616.68	
6	07	1263	271845.38	
7	08	1957	1767686.2	
8	19	2558	13603280.23	
9	20	2558	11129121.53	
10	21	2545	7389347.53	
11	22	2025	454793.93	

5.

	card_no	Num Days	Total Spend	
1	3	01	45960883.49	
2	12539	01	4969692.6	
3	10499	01	2619605.29	
4	14140	01	2327636.58	
5	20074	01	1625360.81	
6	14987	01	1247781.89	
7	10504	01	445767.29	
8	21517	01	368151.79	
9	19750	02	232155.44	
10	23170	01	189759.73	
11	13202	02	166275.59	
12	15876	08	163907.68	
13	20429	02	154925.79	
14	15967	02	146123.76	

6.

	card_no	Num Days	Total Spend	Average Daily Spend	
1	3	01	45960883.49	17814.2959263566	
2	12539	01	4969692.6	1926.98433501357	
3	10499	01	2619605.29	1015.74458704924	
4	51472	03	7841.33	980.16625	
5	14140	01	2327636.58	902.534540519581	
6	50033	19	3658.78	731.756	
7	52427	26	647.59	647.59	
8	20074	01	1625360.81	630.229084916634	
9	41579	01	505.51	505.51	
10	14987	01	1247781.89	484.011594259116	
11	50028	04	15065.71	470.8034375	
12	23564	03	14711.15	445.792424242424	
13	16712	15	13418.69	432.860967741935	
14	43452	20	1273.76	424.586666666667	

7.

	ZIP Code	Num Owner-Days	Total Spend	Average Daily Spend	
1	55405	460124	18481598.3	40.17	
2	55408	333085	16844354.55	50.57	
3	55403	250595	10303084.8	41.11	
4	55407	179111	9790323.52	54.66	
5	55406	88132	9441486.89	107.13	
6	55409	148699	8764695.05	58.94	
7	55404	192724	6961776.77	36.12	
8	55419	106452	6813654.2	64.01	
9	55416	93711	5400003.12	57.62	
10	55410	45039	4966898.06	110.28	
11	55418	53468	4279358.02	80.04	
12	55422	55153	3558515.3	64.52	
13	55104	22521	3313308.26	147.12	
14	55417	47379	2994824.36	63.21	

8.

Total Spend	Average Total Spend per Owner	Average Total Spend per Owner per Day
110164796.45	7135.49	64.53
39668903.02	8333.8	45.44
18481598.3	9936.34	40.17

9.

	Area	Number of Owners	Total Number of Owner-Days	Average Total Days per Owner	Total Spend	Average Total Spend p
1	Other	15439	1707294	110.0	110164796.45	7135.49
2	Adjacent	4760	872948	183.0	39668903.02	8333.8
3	Wedge	1860	460124	247.0	18481598.3	9936.34

	Department Number	Department Name	Total Department Spend	Total Items Purchased by Department	Total Transactions
1	1	PACKAGED GROCERY	44872269.0	2579	752
2	2	PRODUCE	42487000.0	2579	787
3	3	BULK	16958648.0	2578	585
4	4	REF GROCERY	22902199.0	2579	699
5	5	CHEESE	6499251.0	2579	383
6	6	FROZEN	9647408.0	2579	396
7	7	BREAD	2405513.0	2579	249
8	8	DELI	18536881.0	2580	700
9	9	GEN MERCH	3664675.0	2579	237
10	10	SUPPLEMENTS	12378403.0	2579	208
11	11	PERSONAL CARE	9387619.0	2579	278
12	12	HERBS&SPICES	1668575.0	2577	218
13	13	MEAT	16790094.0	2579	486
14	14	JUICE BAR	3108752.0	2579	325
15	16	FISH&SEAFOOD	3379146.0	2577	163
16	17	BAKEHOUSE	2734102.0	1824	298
17	18	FLOWERS	992492.0	2578	167
18	20	MISC P/I - WWW	1.0	1	1
19	21	CATERING	25.0	3	3
20	22	BEER & WINE	38846.0	731	34

10.



Department	Total Transactions by Department	Average Item Price in Department
	752	17399.1
	787	16474.21
	585	6578.22
	699	8880.26
	383	2520.07
	396	3740.76
	249	932.73
	700	7184.84
	237	1420.97
	208	4799.69
	278	3640.02
	218	647.49
	486	6510.31
	325	1205.41
	163	1311.27
	298	1498.96
	167	384.99
	1	0.5
	3	8.46
	34	53.14