

5.1

total_spend	
1	218451897.06

5.2

	card_no	spend
1	12539	5527.12

## 5.3

	date	department	spend	trans	items	
1	2012-08-18	3.0	7498.65	734	1547	
2	2011-07-12	4.0	7497.279999999991	1025	2519	
3	2013-06-06	8.0	7496.0	949	1829	
4	2016-07-18	8.0	7494.719999999997	1137	2138	
5	2014-05-21	4.0	7494.129999999999	1029	2312	
6	2010-07-14	4.0	7492.779999999994	1021	2561	
7	2013-05-04	8.0	7491.62	932	1881	
8	2013-05-28	8.0	7491.5	974	1855	
9	2010-05-06	4.0	7491.459999999996	1034	2684	
10	2013-05-07	4.0	7488.339999999996	1025	2276	
11	2010-05-22	8.0	7488.2	914	1811	
12	2016-05-09	8.0	7486.739999999994	1162	2116	
13	2011-05-27	8.0	7486.619999999996	943	1800	
14	2013-05-16	8.0	7485.7	953	1787	
15	2014-07-12	8.0	7485.259999999997	897	1772	
16	2011-08-21	3.0	7484.5	772	1529	
17	2015-05-18	13.0	7484.449999999999	571	1069	
18	2010-07-30	8.0	7483.899999999999	880	1751	
19	2015-06-19	13.0	7483.899999999999	496	985	
Execution finished without errors.						

## 5.4

	zip	num_owners	avg_spent_per_owner	avg_spent_per_transaction
1	55104	209	15853.149569378	147.120832112251
2	55410	346	14355.1967052023	110.279936499478
3	55406	728	12969.0753983516	107.128930354468
4	55418	466	9183.1717167382	80.0358722974489
5	55369	102	4610.44215686274	74.2445689927376