

```

Execution finished without errors.
Result: query executed successfully. Took 331ms
At line 1:
CREATE TEMP TABLE owner_year_month AS
SELECT
  card_no,
  substr(date, 1, 4) AS year,
  substr(date, 6, 2) AS month,
  SUM(spend) AS spend,
  SUM(items) AS items
FROM owner_spend_date

```

3.1

	year	month	Total Spend
1	2015	05	2934261.76
2	2012	04	2887161.14
3	2014	05	2885980.68
4	2012	05	2846709.99
5	2013	03	2845232.38

3.2

24	GROUP BY owner year month month		
	Month	Average Spend By Month	
1	01	232.02	
2	02	212.3	
3	03	222.95	
4	04	224.73	
5	05	234.33	
6	06	215.97	
7	07	218.44	
8	08	215.65	
9	09	214.54	
10	10	220.64	
11	11	227.56	
12	12	235.02	

3.3

	zip	total_spend
1	55405	18481598.3
2	55408	16844354.55
3	55403	10303084.8

3.4

3.5

	Month	Average Spend 55405	Average Spend 55408	Average Spend 55403	
1	01	232.02	225.57	200.28	
2	02	212.3	212.94	185.76	
3	03	222.95	223.2	195.98	
4	04	224.73	221.46	194.83	
5	05	234.33	228.3	199.12	
6	06	215.97	209.06	190.91	
7	07	218.44	213.95	194.9	
8	08	215.65	212.93	191.68	
9	09	214.54	212.64	188.82	
10	10	220.64	218.95	195.56	
11	11	227.56	227.74	201.08	
12	12	235.02	228.65	206.96	

3.6

	owners	years	months	avg_spend	avg_items	avg_item_price	
1	27107	8	12	270.07	70.3	3.84	

	owners	spend_k	
1	2530	1621.6	

3.7

3.8

	card_no	total_spend	avg_spend_transaction	num_shopping_dates	total_trans	last_visit	
1	18736	32863.86	49.6320338983051	590	682	2017-01-24	

	card_no	total_spend	avg_spend_transaction	num_shopping_dates	total_trans	last_visit	last_spend
1	18736	32863.86	49.6320338983051	590	682	2017-01-24	115.99