Investigating a Drop in User Engagement

1	date_trunc 2014-04-28 00:00:00	weekly_active_users
2	2014-04-28 00:00:00	109
3	2014-05-12 00:00:00	100
1	2014-05-19 00:00:00	114
- 5	2014-05-26 00:00:00	11
6	2014-06-02 00:00:00	11
7	2014-06-09 00:00:00	12
, В	2014-06-16 00:00:00	12
9	2014-06-23 00:00:00	12
0	2014-06-30 00:00:00	12
1	2014-07-07 00:00:00	13
2	2014-07-14 00:00:00	13
3	2014-07-21 00:00:00	13
4	2014-07-28 00:00:00	14
5	2014-08-04 00:00:00	12
6	2014-08-11 00:00:00	12
7	2014-08-18 00:00:00	12
8	2014-08-25 00:00:00	11
۱e	w_User_Register	
	date_trunc	weekly_new_users
1	date_trunc 2014-04-28 00:00:00	1
1	date_trunc 2014-04-28 00:00:00 2014-05-05 00:00:00	1 3
1	date_trunc 2014-04-28 00:00:00 2014-05-05 00:00:00 2014-05-12 00:00:00	1 3 3
1 2 3	date_trunc 2014-04-28 00:00:00 2014-05-05 00:00:00 2014-05-12 00:00:00 2014-05-19 00:00:00	1 3 3 3
1 2 3 4	date_trunc 2014-04-28 00:00:00 2014-05-05 00:00:00 2014-05-12 00:00:00	1 3 3 3 3 3
Ne 1 2 3 4 5	date_trunc 2014-04-28 00:00:00 2014-05-05 00:00:00 2014-05-12 00:00:00 2014-05-19 00:00:00 2014-05-26 00:00:00 2014-06-02 00:00:00	1 3 3 3 3 4 3
1 2 3 4 5 6	date_trunc 2014-04-28 00:00:00 2014-05-05 00:00:00 2014-05-12 00:00:00 2014-05-19 00:00:00 2014-05-26 00:00:00 2014-06-02 00:00:00 2014-06-09 00:00:00	1 3 3 3 3 4 3
11 22 33 44 55 66 77	date_trunc 2014-04-28 00:00:00 2014-05-05 00:00:00 2014-05-12 00:00:00 2014-05-19 00:00:00 2014-05-26 00:00:00 2014-06-02 00:00:00 2014-06-09 00:00:00 2014-06-16 00:00:00	1 3 3 3 3 3 4 4
11 22 33 44 55 66 77	date_trunc 2014-04-28 00:00:00 2014-05-05 00:00:00 2014-05-12 00:00:00 2014-05-19 00:00:00 2014-06-20 00:00:00 2014-06-02 00:00:00 2014-06-16 00:00:00 2014-06-23 00:00:00	1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
1 2 3 4	date_trunc 2014-04-28 00:00:00 2014-05-05 00:00:00 2014-05-12 00:00:00 2014-05-19 00:00:00 2014-05-26 00:00:00 2014-06-02 00:00:00 2014-06-09 00:00:00 2014-06-16 00:00:00 2014-06-30 00:00:00	1 1 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4
11 22 33 44 55 66 77 88 99 00	date_trunc 2014-04-28 00:00:00 2014-05-05 00:00:00 2014-05-12 00:00:00 2014-05-26 00:00:00 2014-06-20 00:00:00 2014-06-16 00:00:00 2014-06-30 00:00:00 2014-06-30 00:00:00	
11 22 33 44 55 66 77 88 99 01 11 2	date_trunc 2014-04-28 00:00:00 2014-05-05 00:00:00 2014-05-12 00:00:00 2014-05-19 00:00:00 2014-05-26 00:00:00 2014-06-02 00:00:00 2014-06-16 00:00:00 2014-06-23 00:00:00 2014-06-30 00:00:00 2014-07-07 00:00:00 2014-07-14 00:00:00	1 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4
1 2 3 4 5 6 7 8 9 0 1 1 2 3	date_trunc 2014-04-28 00:00:00 2014-05-05 00:00:00 2014-05-12 00:00:00 2014-05-26 00:00:00 2014-06-02 00:00:00 2014-06-09 00:00:00 2014-06-30 00:00:00 2014-06-30 00:00:00 2014-07-07 00:00:00 2014-07-21 00:00:00	
1 2 3 4 5 6 7 8 9 0 11 2 3 4	date_trunc 2014-04-28 00:00:00 2014-05-05 00:00:00 2014-05-12 00:00:00 2014-05-26 00:00:00 2014-06-26 00:00:00 2014-06-16 00:00:00 2014-06-30 00:00 2014-07-07 00:00:00 2014-07-21 00:00:00 2014-07-28 00:00:00	
1 2 3 4 5 6 7 8 9 0 1 2 3 4 5	date_trunc 2014-04-28 00:00:00 2014-05-05 00:00:00 2014-05-12 00:00:00 2014-05-19 00:00:00 2014-05-26 00:00:00 2014-06-02 00:00:00 2014-06-16 00:00:00 2014-06-30 00:00:00 2014-06-30 00:00:00 2014-07-14 00:00:00 2014-07-21 00:00:00 2014-07-28 00:00:00 2014-08-04 00:00:00	1 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4
11 22 33 44 55 66 77 88 99 00 11 12 3	date_trunc 2014-04-28 00:00:00 2014-05-05 00:00:00 2014-05-12 00:00:00 2014-05-26 00:00:00 2014-06-26 00:00:00 2014-06-16 00:00:00 2014-06-30 00:00 2014-07-07 00:00:00 2014-07-21 00:00:00 2014-07-28 00:00:00	1 3 3 3 3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4

Coi	mpanies		
	date_trunc	company_id	weekly_active_users
1	2014-04-28 00:00:00	1	48
2	2014-05-05 00:00:00	1	60
3	2014-05-12 00:00:00	1	57
4	2014-05-19 00:00:00	1	64
5	2014-05-26 00:00:00	1	60
6	2014-06-02 00:00:00	1	63
7	2014-06-09 00:00:00	1	65
8	2014-06-16 00:00:00	1	71
9	2014-06-23 00:00:00	1	62
10	2014-06-30 00:00:00	1	72
11	2014-07-07 00:00:00	1	72
12	2014-07-14 00:00:00	1	72
13	2014-07-21 00:00:00	1	79
14	2014-07-28 00:00:00	1	89
15	2014-08-04 00:00:00	1	78
16	2014-08-11 00:00:00	1	72
17	2014-08-18 00:00:00	1	71
18	2014-08-25 00:00:00	1	71
19	2014-04-28 00:00:00	2	26
20	2014-05-05 00:00:00	2	35
21	2014-05-12 00:00:00	2	39
22	2014-05-19 00:00:00	2	38
23	2014-05-26 00:00:00	2	28
24	2014-06-02 00:00:00	2	35
25	2014-06-09 00:00:00	2	32
26	2014-06-16 00:00:00	2	38
27	2014-06-23 00:00:00	2	39
28	2014-06-30 00:00:00	2	39
29	2014-07-07 00:00:00	2	37
30	2014-07-14 00:00:00	2	41
31	2014-07-21 00:00:00	2	40
32	2014-07-28 00:00:00	2	36
33	2014-08-04 00:00:00	2	35
34	2014-08-11 00:00:00	2	35
35	2014-08-18 00:00:00	2	34
36	2014-08-25 00:00:00	2	27
37	2014-04-28 00:00:00	3	15
38	2014-05-05 00:00:00	3	20
39	2014-05-12 00:00:00	3	24
40	2014-05-19 00:00:00	3	16
41	2014-05-26 00:00:00	3	17
42	2014-06-02 00:00:00	3	25
43	2014-06-09 00:00:00	3	20

44	2014-06-16 00:00:00	3	24
45	2014-06-23 00:00:00	3	22
,,,	2017 00 20 00.00.00	O .	
46	2014-06-30 00:00:00	3	23
47	2014-07-07 00:00:00	3	23
48	2014-07-14 00:00:00	3	26
49	2014-07-21 00:00:00	3	19
50	2014-07-28 00:00:00	3	23
51	2014-08-04 00:00:00	3	27
52	2014-08-11 00:00:00	3	22
53	2014-08-18 00:00:00	3	26
54	2014-08-25 00:00:00	3	30
55	2014-05-05 00:00:00	4	17
56	2014-05-12 00:00:00	4	14
57	2014-05-26 00:00:00	4	11
58	2014-06-02 00:00:00	4	12
59	2014-06-09 00:00:00	4	12
60	2014-06-23 00:00:00	4	12
61	2014-06-30 00:00:00	4	13
62	2014-07-07 00:00:00	4	16
63	2014-07-14 00:00:00	4	16
64	2014-07-21 00:00:00	4	15
65	2014-07-28 00:00:00	4	24
66	2014-08-04 00:00:00	4	18
67	2014-08-11 00:00:00	4	15
68	2014-08-18 00:00:00	4	13
69	2014-08-25 00:00:00	4	12
70	2014-06-23 00:00:00	5	12
71	2014-06-30 00:00:00	5	13
72	2014-07-07 00:00:00	5	13
73	2014-07-14 00:00:00	5	13
74	2014-07-21 00:00:00	5	11
75	2014-07-28 00:00:00	5	14
76	2014-08-04 00:00:00	5	15
77	2014-08-11 00:00:00	5	12
78	2014-05-26 00:00:00	6	12
79	2014-06-09 00:00:00	6	14
80	2014-06-16 00:00:00	6	16
81	2014-06-23 00:00:00	6	11
82	2014-06-30 00:00:00	6	14
83	2014-07-07 00:00:00	6	17
84	2014-07-14 00:00:00	6	19
85	2014-07-21 00:00:00	6	18
86	2014-07-07 00:00:00	7	11
87	2014-07-14 00:00:00	7	12
88	2014-07-28 00:00:00	7	12

89	2014-07-21 00:00:00	8	11
90	2014-07-28 00:00:00	8	12
91	2014-08-04 00:00:00	8	14
92	2014-08-11 00:00:00	8	19

Email_Service

	date_trunc	email_weekly_digest	email_open	email_clickthrough	reengagement_emails	email_total
1	2014-04-28 00:00:00	908	332	187	98	1525
2	2014-05-05 00:00:00	2602	919	434	164	4119
3	2014-05-12 00:00:00	2665	971	479	175	4290
4	2014-05-19 00:00:00	2733	995	498	179	4405
5	2014-05-26 00:00:00	2822	1026	453	179	4480
6	2014-06-02 00:00:00	2911	993	492	199	4595
7	2014-06-09 00:00:00	3003	1070	533	190	4796
8	2014-06-16 00:00:00	3105	1161	563	234	5063
9	2014-06-23 00:00:00	3207	1090	524	187	5008
10	2014-06-30 00:00:00	3302	1168	559	222	5251
11	2014-07-07 00:00:00	3399	1230	622	214	5465
12	2014-07-14 00:00:00	3499	1260	607	226	5592
13	2014-07-21 00:00:00	3592	1211	584	206	5593
14	2014-07-28 00:00:00	3706	1386	633	230	5955
15	2014-08-04 00:00:00	3793	1336	432	206	5767
16	2014-08-11 00:00:00	3897	1357	430	224	5908
17	2014-08-18 00:00:00	4012	1421	487	257	6177
18	2014-08-25 00:00:00	4111	1533	493	263	6400

	date_trunc	user_signing	user_signed	home_page_rate	like_message_rate	search_rate	send_message_rate	viev
1	2014-04-28 00:00:	102	81	0.32878696439	0.21412190706	0.04490042245	0.11647555823	0.1
2	2014-05-05 00:00:	205	160	0.32641901931	0.21491827637	0.04748885586	0.12172362555	0.1
3	2014-05-12 00:00:	218	186	0.33247564785	0.21393126263	0.04294553697	0.11799301599	0.1
4	2014-05-19 00:00:	218	177	0.32785538208	0.21258363657	0.04701256015	0.12031928630	0.1
5	2014-05-26 00:00:	227	186	0.32407184185	0.21178881388	0.04881870781	0.11559787849	0.1
6	2014-06-02 00:00:	246	197	0.33193894855	0.20689655172	0.04607122668	0.11899378179	0.1
7	2014-06-09 00:00:	250	198	0.33406631560	0.21179329899	0.04623575024	0.11683351657	0.1
8	2014-06-16 00:00:	262	222	0.33296244784	0.20645340751	0.04250347705	0.11977746870	0.1
9	2014-06-23 00:00:	247	210	0.33228523301	0.20971364402	0.04272880404	0.11678832116	0.1
10	2014-06-30 00:00:	239	199	0.32559302261	0.20521082162	0.05138603410	0.11449363924	0.1
11	2014-07-07 00:00:	269	223	0.33098850333	0.20636253871	0.04441178014	0.11202687805	0.1
12	2014-07-14 00:00:	260	215	0.32967144746	0.20613365883	0.04333231614	0.11835011697	0.1
13	2014-07-21 00:00:	271	228	0.32900410137	0.20396466505	0.04606162582	0.11462824692	0.2
14	2014-07-28 00:00:	274	234	0.32602217771	0.20340970152	0.05016853109	0.11533388696	0.1
15	2014-08-04 00:00:	223	189	0.33245966567	0.20432174267	0.04345040479	0.11281961675	0.1
16	2014-08-11 00:00:	289	250	0.33666474469	0.20500993016	0.04260362611	0.11480556089	0.2
17	2014-08-18 00:00:	294	259	0.33348766452	0.21145578411	0.03961902242	0.11270586679	0.1
18	2014-08-25 00:00:	313	266	0.33094289508	0.19873837981	0.04521912350	0.11128818061	0.2

Temp_Query device 1 kindle fire 2 macbook pro acer aspire notebook 4 acer aspire desktop 5 lenovo thinkpad iphone 5s 6 7 samsung galaxy note mac mini 8 9 ipad mini 10 nokia lumia 635 11 nexus 7 12 nexus 10 13 samsumg galaxy tablet 14 amazon fire phone 15 dell inspiron desktop dell inspiron notebook 16 17 nexus 5 18 iphone 4s 19 windows surface 20 htc one 21 iphone 5 22 ipad air 23 macbook air 24 samsung galaxy s4 25 asus chromebook 26 hp pavilion desktop