OLAP_1st_100

September 1, 2025

```python
[2]: import boto3
     import os, json
     from pathlib import Path
     from dotenv import load_dotenv

     %load_ext sql
     %config SqlMagic.displaylimit = 100
```

The sql extension is already loaded. To reload it, use:
  %reload_ext sql

```python
[5]: ROOT = Path('/home/ubuntu/deds2025b_proj/opt/reddit_pipeline')     # FOR␣
      ↪NOTEBOOK ONLY
     load_dotenv(ROOT / '.env')
     REDDIT_OLAP_ARN = os.environ["REDDIT_OLAP_ARN"]
     secrets = boto3.client("secretsmanager")
     DATABASE = os.environ["OLAP_DB"]

     cfg = json.loads(secrets.
      ↪get_secret_value(SecretId=REDDIT_OLAP_ARN)['SecretString'])
     os.environ['DATABASE_URL'] = f"{cfg['engine']}://{cfg['username']}:
      ↪{cfg['password']}@{cfg['host']}:{cfg['port']}/{DATABASE}"
```

```python
[6]: %sql \d
```

```
[6]: +--------+--------------+-------+----------+
     | schema |     name     | type  |  owner   |
     +--------+--------------+-------+----------+
     | public |   dim_author | table | mydbuser |
     | public |     dim_date | table | mydbuser |
     | public | dim_subreddit | table | mydbuser |
     | public |  fact_comment | table | mydbuser |
     | public |    fact_post | table | mydbuser |
     | public |    fact_tags | table | mydbuser |
     +--------+--------------+-------+----------+
```

```python
[9]: %sql SELECT * FROM dim_author LIMIT(100)
```

Running query in 'redshift://mydbuser:***@deds2025b.ctf3sicttrta.us-east-1.redshift.amazonaws.com:5439/reddit_olap'

100 rows affected.

[9]:

author_sk	author_fullname	author	author_premium
1	t2_aomzp7db	Most_Room_1408	NOT PREMIUM
2	t2_j3c83dzkd	Pristine_Pick_2494	NOT PREMIUM
3	t2_oxzeb	potatoesyo	NOT PREMIUM
4	t2_1tbjwbky74	Best_Cantaloupe556	NOT PREMIUM
5	t2_661r33yx	disc0pants	NOT PREMIUM
6	t2_swponftt	Ready-Shallot-2029	NOT PREMIUM
7	t2_5wxh2xp5	mystique023	NOT PREMIUM
8	t2_95shdqwj4	cc0818	NOT PREMIUM
9	t2_1bqdboywcq	Prize_Gift_5609	NOT PREMIUM
10	t2_9dcfyeur	Kalyankarthi	NOT PREMIUM
11	t2_1dtwwp8py0	HolidayOver7539	NOT PREMIUM
12	t2_b88x1mc5	Uraniummmmm	NOT PREMIUM
13	t2_10r68s7yuk	Curious_Analyst1209	NOT PREMIUM
14	t2_8uje6k14	Homelessbuck	NOT PREMIUM
15	t2_1uikilwkke	PreparedRasberry	NOT PREMIUM
16	t2_ydfsr2h	Coloradobluesguy	NOT PREMIUM
17	t2_ai4e7fvm	Low_Penalty7806	NOT PREMIUM
18	t2_32p7sbae	sambobozzer	NOT PREMIUM
19	t2_jst6hsbj	DullBrick8271	NOT PREMIUM
20	t2_9bfklagv	Accomplished-Ant-607	NOT PREMIUM
21	t2_16lwyo	meenyminymo	NOT PREMIUM
22	t2_o6txhi44	Plane-Blackberry-890	NOT PREMIUM
23	t2_gvqf7rud	SunnySideUp-yj	NOT PREMIUM
24	t2_mpb3gcqf	lonely_ducky_22	NOT PREMIUM
25	t2_1r8hzsub	erika1972	NOT PREMIUM
26	t2_12us667s4q	SimilarSleep5102	NOT PREMIUM
27	t2_6xec350z	kafkafimit	NOT PREMIUM
28	t2_tx55d0sap	Rabbit_HF	NOT PREMIUM
29	t2_8s3y6zjv	Melodic-Pollution-91	NOT PREMIUM
30	t2_4lig63oo	theresagray17	NOT PREMIUM
31	t2_uwaw39ctp	Emergency_Fox_9613	NOT PREMIUM
32	t2_7cpe3s1d	Better-Beginning6954	NOT PREMIUM
33	t2_1c97teuwy4	East-Dragonfruit6065	NOT PREMIUM
34	t2_1l7ooqf6je	Unfair-Edge-8317	NOT PREMIUM
35	t2_6mvv5nij	cottonkandiii	NOT PREMIUM
36	t2_hpr7608dp	Sufficient_Letter883	NOT PREMIUM
37	t2_6b8jfji6	barryisagoodshow	NOT PREMIUM
38	t2_1u1l8djy	reussinator	NOT PREMIUM
39	t2_3j684abt	babasheepmomma	NOT PREMIUM
40	t2_1hhhnwoa18	Chance_Mark2228	NOT PREMIUM

41	t2_2u5fphre	gexanova	NOT PREMIUM
42	t2_96zuepev	bigpoppaisthename	NOT PREMIUM
43	t2_5rjr6am6	redsowhat	NOT PREMIUM
44	t2_zlt22xu01	Big_Use_440	NOT PREMIUM
45	t2_93ycv87c	BeenStephened	NOT PREMIUM
46	t2_13dslcbt40	Impressive-Hunt-1512	NOT PREMIUM
47	t2_1fyq77kv	sportsfan3177	NOT PREMIUM
48	t2_19yhgtipu3	Huge-Elevator-7541	NOT PREMIUM
49	t2_3gw1bksh	summatimesadnezz	NOT PREMIUM
50	t2_mcomztf5	Nice-Newt8611	NOT PREMIUM
51	t2_4d9y1ex4	Elegant-Cricket8106	NOT PREMIUM
52	t2_nin7bjr8	3r3dem	NOT PREMIUM
53	t2_5z7zkvqkh	ElKat0315	NOT PREMIUM
54	t2_u0mrc2mw	user_anonymou	NOT PREMIUM
55	t2_pe8hl	linxminx	NOT PREMIUM
56	t2_y3zssia7h	slayussyfouf	NOT PREMIUM
57	t2_7metpmrq	Several-Monk3857	NOT PREMIUM
58	t2_1hw3sjhdo5	nattyisbatty1067	NOT PREMIUM
59	t2_qqmy5ldk	d_westco	NOT PREMIUM
60	t2_d88scj6k	Active-Worker-8620	NOT PREMIUM
61	t2_11e5yhh7bh	WalrusBroad8082	NOT PREMIUM
62	t2_so1t0i2k	ReferenceMindless486	NOT PREMIUM
63	t2_1sxpgc3qgr	Apprehensive-Gold181	NOT PREMIUM
64	t2_tdvcg9c8	hillz3	NOT PREMIUM
65	t2_o4go749m	SevereFisherman8673	NOT PREMIUM
66	t2_czek33d4f	Organic-School-4728	NOT PREMIUM
67	t2_jknyamy0	jerseygur	NOT PREMIUM
68	t2_8bk0ao60	NoOz1985	NOT PREMIUM
69	t2_3bjemg17	KiwiSoySauce	NOT PREMIUM
70	t2_1dtw5zm89k	Direct-Ad8150	NOT PREMIUM
71	t2_m88vwchn	Adventurous_Rest68	NOT PREMIUM
72	t2_d08ugfdxr	WorkEast3738	NOT PREMIUM
73	t2_gi2pwntbi	Tinkerfan57912	NOT PREMIUM
74	t2_4shc6mb6	Short-Scene	NOT PREMIUM
75	t2_sh0myw40	SignalFront2978	NOT PREMIUM
76	t2_aok2boet	EmeraldPoof	NOT PREMIUM
77	t2_73bjb7faj	Ginny3742	NOT PREMIUM
78	t2_a9p94ozz4	Front-Tip4462	NOT PREMIUM
79	t2_4ucydw	lacagate	NOT PREMIUM
80	t2_17s58slb8s	BytheGrace00	NOT PREMIUM
81	t2_f5k8lqrt8	Jetsfan1628	NOT PREMIUM
82	t2_4m0c4lyc	SherryH30	NOT PREMIUM
83	t2_mjjjmqky	Adorable_Pen9015	NOT PREMIUM
84	t2_o8fwu	KBLP	NOT PREMIUM
85	t2_7frjo0co	Guacamole_goddess17	NOT PREMIUM
86	t2_lyv8m	pyrettapenguin	NOT PREMIUM
87	t2_18v9yhwtvw	katiethurston	NOT PREMIUM

```
|    88    |  t2_lywd76mui  |      Ok_Art9384      | NOT PREMIUM  |
|    89    |  t2_1lhzvgsmst |       no2cancer      | NOT PREMIUM  |
|    90    |  t2_5lf76n29   |      Cosmo_Glass     | NOT PREMIUM  |
|    91    |  t2_5u0ikhtd   | MundaneRecording2208 | NOT PREMIUM  |
|    92    |   t2_13nokn    |       bonefawn       | NOT PREMIUM  |
|    93    |  t2_3ggae05q   |  Designer_Lady_1976  | NOT PREMIUM  |
|    94    |  t2_53epqcl7   |     RadMutantChic    | NOT PREMIUM  |
|    95    |  t2_xxfekcgui  | Artistic_Engineer_29 | NOT PREMIUM  |
|    96    |  t2_u4xkcqd1   |     LilyInTheTown    | NOT PREMIUM  |
|    97    |  t2_bi2qibx8   | conversionsmarketing | NOT PREMIUM  |
|    98    |  t2_1azmexhxcw | Wonderful_Traffic238 | NOT PREMIUM  |
|    99    |  t2_60qm33nep  | Affectionate-Ruin649 | NOT PREMIUM  |
|   100    |  t2_1he3iio1rr |     Saunalovenest    | NOT PREMIUM  |
+----------+----------------+----------------------+--------------+
Truncated to displaylimit of 100.
```

[10]: `%sql SELECT * FROM dim_date LIMIT(100)`

Running query in 'redshift://mydbuser:***@deds2025b.ctf3sicttrta.us-east-1.
↪redshift.amazonaws.com:5439/reddit_olap'

100 rows affected.

[10]:
```
+----------+------------+------+-------+-----+-----+------------+----------+------------+
| date_key | date_value | year | month | day | dow | month_name | dow_name | is_weekend |
+----------+------------+------+-------+-----+-----+------------+----------+------------+
|    1     | 2025-08-03 | 2025 |   8   |  3  |  0  | August     |   Sun    | Weekend    |
|    2     | 2025-06-03 | 2025 |   6   |  3  |  2  | June       |   Tue    | Weekday    |
|    3     | 2025-08-02 | 2025 |   8   |  2  |  6  | August     |   Sat    | Weekend    |
|    4     | 2025-03-12 | 2025 |   3   |  12 |  3  | March      |   Wed    | Weekday    |
|    5     | 2025-08-01 | 2025 |   8   |  1  |  5  | August     |   Fri    | Weekday    |
|    6     | 2025-03-02 | 2025 |   3   |  2  |  0  | March      |   Sun    | Weekend    |
|    7     | 2025-07-27 | 2025 |   7   |  27 |  0  | July       |   Sun    | Weekend    |
|    8     | 2025-02-28 | 2025 |   2   |  28 |  5  | February   |   Fri    | Weekday    |
|    9     | 2025-07-24 | 2025 |   7   |  24 |  4  | July       |   Thu    | Weekday    |
|    10    | 2025-02-23 | 2025 |   2   |  23 |  0  | February   |   Sun    |
```

								Weekend
11	2025-07-22	2025	7	22	2	July	Tue	Weekday
12	2025-02-24	2025	2	24	1	February	Mon	Weekday
13	2025-07-21	2025	7	21	1	July	Mon	Weekday
14	2025-01-15	2025	1	15	3	January	Wed	Weekday
15	2025-08-27	2025	8	27	3	August	Wed	Weekday
16	2025-01-08	2025	1	8	3	January	Wed	Weekday
17	2025-08-25	2025	8	25	1	August	Mon	Weekday
18	2024-12-24	2024	12	24	2	December	Tue	Weekday
19	2025-08-24	2025	8	24	0	August	Sun	Weekend
20	2024-12-01	2024	12	1	0	December	Sun	Weekend
21	2025-08-22	2025	8	22	5	August	Fri	Weekday
22	2024-12-17	2024	12	17	2	December	Tue	Weekday
23	2025-08-19	2025	8	19	2	August	Tue	Weekday
24	2024-12-04	2024	12	4	3	December	Wed	Weekday
25	2025-08-14	2025	8	14	4	August	Thu	Weekday
26	2024-11-25	2024	11	25	1	November	Mon	Weekday
27	2025-08-12	2025	8	12	2	August	Tue	Weekday
28	2024-11-02	2024	11	2	6	November	Sat	Weekend
29	2025-08-06	2025	8	6	3	August	Wed	Weekday
30	2024-11-03	2024	11	3	0	November	Sun	Weekend
31	2025-07-26	2025	7	26	6	July	Sat	Weekend
32	2024-11-20	2024	11	20	3	November	Wed	Weekday
33	2025-07-18	2025	7	18	5	July	Fri	Weekday

34	2024-11-24	2024	11	24	0	November	Sun	Weekend
35	2025-07-16	2025	7	16	3	July	Wed	Weekday
36	2024-10-24	2024	10	24	4	October	Thu	Weekday
37	2025-07-13	2025	7	13	0	July	Sun	Weekend
38	2024-10-25	2024	10	25	5	October	Fri	Weekday
39	2025-07-11	2025	7	11	5	July	Fri	Weekday
40	2024-10-21	2024	10	21	1	October	Mon	Weekday
41	2025-07-09	2025	7	9	3	July	Wed	Weekday
42	2024-10-19	2024	10	19	6	October	Sat	Weekend
43	2025-07-06	2025	7	6	0	July	Sun	Weekend
44	2024-10-17	2024	10	17	4	October	Thu	Weekday
45	2025-07-02	2025	7	2	3	July	Wed	Weekday
46	2024-11-12	2024	11	12	2	November	Tue	Weekday
47	2025-07-01	2025	7	1	2	July	Tue	Weekday
48	2025-03-29	2025	3	29	6	March	Sat	Weekend
49	2025-06-26	2025	6	26	4	June	Thu	Weekday
50	2025-03-20	2025	3	20	4	March	Thu	Weekday
51	2025-06-21	2025	6	21	6	June	Sat	Weekend
52	2025-03-07	2025	3	7	5	March	Fri	Weekday
53	2025-06-20	2025	6	20	5	June	Fri	Weekday
54	2025-02-13	2025	2	13	4	February	Thu	Weekday
55	2025-06-15	2025	6	15	0	June	Sun	Weekend
56	2025-02-07	2025	2	7	5	February	Fri	Weekday
57	2025-06-14	2025	6	14	6	June	Sat	

58	2024-12-25	2024	12	25	3	December	Wed	Weekday
59	2025-06-13	2025	6	13	5	June	Fri	Weekday
60	2024-12-22	2024	12	22	0	December	Sun	Weekend
61	2025-06-09	2025	6	9	1	June	Mon	Weekday
62	2025-01-02	2025	1	2	4	January	Thu	Weekday
63	2025-06-08	2025	6	8	0	June	Sun	Weekend
64	2025-03-08	2025	3	8	6	March	Sat	Weekend
65	2025-05-30	2025	5	30	5	May	Fri	Weekday
66	2024-11-08	2024	11	8	5	November	Fri	Weekday
67	2025-05-29	2025	5	29	4	May	Thu	Weekday
68	2024-11-10	2024	11	10	0	November	Sun	Weekend
69	2025-05-28	2025	5	28	3	May	Wed	Weekday
70	2024-11-06	2024	11	6	3	November	Wed	Weekday
71	2025-05-27	2025	5	27	2	May	Tue	Weekday
72	2024-12-12	2024	12	12	4	December	Thu	Weekday
73	2025-05-24	2025	5	24	6	May	Sat	Weekend
74	2024-10-13	2024	10	13	0	October	Sun	Weekend
75	2025-05-23	2025	5	23	5	May	Fri	Weekday
76	2024-10-29	2024	10	29	2	October	Tue	Weekday
77	2025-05-14	2025	5	14	3	May	Wed	Weekday
78	2024-11-16	2024	11	16	6	November	Sat	Weekend
79	2025-05-09	2025	5	9	5	May	Fri	Weekday
80	2024-10-04	2024	10	4	5	October	Fri	Weekday

```
|    81     | 2025-05-07 | 2025 |   5   |  7  |  3  | May       | Wed     |
Weekday    |
|    82     | 2024-10-03 | 2024 |  10   |  3  |  4  | October   | Thu     |
Weekday    |
|    83     | 2025-05-03 | 2025 |   5   |  3  |  6  | May       | Sat     |
Weekend    |
|    84     | 2025-06-16 | 2025 |   6   | 16  |  1  | June      | Mon     |
Weekday    |
|    85     | 2025-04-30 | 2025 |   4   | 30  |  3  | April     | Wed     |
Weekday    |
|    86     | 2025-06-12 | 2025 |   6   | 12  |  4  | June      | Thu     |
Weekday    |
|    87     | 2025-04-27 | 2025 |   4   | 27  |  0  | April     | Sun     |
Weekend    |
|    88     | 2025-06-06 | 2025 |   6   |  6  |  5  | June      | Fri     |
Weekday    |
|    89     | 2025-04-26 | 2025 |   4   | 26  |  6  | April     | Sat     |
Weekend    |
|    90     | 2025-05-26 | 2025 |   5   | 26  |  1  | May       | Mon     |
Weekday    |
|    91     | 2025-04-24 | 2025 |   4   | 24  |  4  | April     | Thu     |
Weekday    |
|    92     | 2025-05-20 | 2025 |   5   | 20  |  2  | May       | Tue     |
Weekday    |
|    93     | 2025-04-23 | 2025 |   4   | 23  |  3  | April     | Wed     |
Weekday    |
|    94     | 2025-05-11 | 2025 |   5   | 11  |  0  | May       | Sun     |
Weekend    |
|    95     | 2025-08-11 | 2025 |   8   | 11  |  1  | August    | Mon     |
Weekday    |
|    96     | 2025-04-21 | 2025 |   4   | 21  |  1  | April     | Mon     |
Weekday    |
|    97     | 2025-08-09 | 2025 |   8   |  9  |  6  | August    | Sat     |
Weekend    |
|    98     | 2025-04-12 | 2025 |   4   | 12  |  6  | April     | Sat     |
Weekend    |
|    99     | 2025-08-04 | 2025 |   8   |  4  |  1  | August    | Mon     |
Weekday    |
|   100     | 2025-04-14 | 2025 |   4   | 14  |  1  | April     | Mon     |
Weekday    |
+----------+-----------+------+-------+-----+-----+-----------+---------+----
--------+
Truncated to displaylimit of 100.
```

[11]: `%sql SELECT * FROM dim_subreddit LIMIT(100)`

Running query in 'redshift://mydbuser:***@deds2025b.ctf3sicttrta.us-east-1.
↪redshift.amazonaws.com:5439/reddit_olap'

12 rows affected.

[11]:
subreddit_sk	subreddit_id	subreddit_name_prefixed	subreddit_type	subreddit_subscribers
1	t5_35ezb	r/IndustrialPharmacy	restricted	1234
2	t5_3eibw	r/BRCA	public	5329
3	t5_3mp17l	r/LivingWithMBC	public	3677
4	t5_3mp17l	r/LivingWithMBC	public	3675
5	t5_2qjov	r/Philippines	public	3468767
6	t5_2qjov	r/Philippines	public	3468769
7	t5_7y604d	r/ovariancancer_new	public	936
8	t5_2qjov	r/Philippines	public	3468768
9	t5_2qjov	r/Philippines	public	3468771
10	t5_2qjov	r/Philippines	public	3468770
12	t5_2t6dy	r/breastcancer	public	38017
14	t5_2qixx	r/cancer	public	77813

[12]: `%sql SELECT * FROM fact_comment LIMIT(100)`

Running query in 'redshift://mydbuser:***@deds2025b.ctf3sicttrta.us-east-1.
↪redshift.amazonaws.com:5439/reddit_olap'

100 rows affected.

[12]:
comment_name	post_name	date_key	subreddit_sk	author_sk	score

						negative	neutral	positive	net_sentiment
t1_mvq8s6r	t3_1ki76jd	2	7	2063	1	0.7859	0.1846	0.0296	-0.7563
t1_mvosptf	t3_1ktuddi	2	7	2936	2	0.0050	0.0263	0.9687	0.9638
t1_mvosfjd	t3_1ktuddi	2	7	2936	1	0.0033	0.0188	0.9779	0.9746
t1_mhba8mr	t3_1j846s6	4	7	2043	1	0.0302	0.8550	0.1149	0.0847
t1_mhb5ype	t3_1j7ztyg	4	7	4776	1	0.3292	0.6055	0.0654	-0.2638
t1_mhb9q9x	t3_1iyhrjh	4	7	211	1	0.0645	0.8504	0.0851	0.0206
t1_n6evwlg	t3_1mcpld1	5	2	17	1	0.0083	0.1774	0.8142	0.8059
t1_n6ew323	t3_1mcpld1	5	2	17	2	0.2044	0.2594	0.5362	0.3319
t1_n6afozn	t3_1me6yu4	5	2	9	1	0.5860	0.3124	0.1016	-0.4844
t1_n6bw9ha	t3_1me6yu4	5	2	5	1	0.6219	0.3591	0.0189	-0.6030
t1_n6ckjhx	t3_1mdx0a6	5	2	2839	1	0.0055	0.4820	0.5125	0.5069
t1_n6cg394	t3_1mdx0a6	5	2	2839	2	0.0078	0.5589	0.4333	0.4254
t1_n6d7g23	t3_1mdnzw6	5	2	3092	1	0.0262	0.2922	0.6816	0.6554
t1_n6as7i6	t3_1mamuoj	5	2	665	3	0.0917	0.3660	0.5423	0.4506
t1_n6dyb26	t3_1mdh3b3	5	2	2581	1	0.5471	0.3197	0.1331	-0.4140
t1_n6dcqwd	t3_1mdh3b3	5	2	657	1	0.7121	0.2634	0.0245	-0.6876
t1_n6ebzzf	t3_1mdfs5t	5	2	2949	2	0.2239	0.7116	0.0645	-0.1594
t1_n69lu7p	t3_1meflvm	5	3	2693	4	0.0271	0.1160	0.8568	0.8297
t1_n69lu7p	t3_1meflvm	5	3	2693	4	0.0271	0.1160	0.8568	0.8297
t1_n69ie7v	t3_1medn79	5	3	522	8	0.0819	0.3477	0.5704	0.4884
t1_n69ie7v	t3_1medn79	5	3	522	8	0.0819	0.3477	0.5704	0.4884
t1_n69yft6	t3_1medn79	5	3	3169	4	0.0556	0.3168	0.6276	0.5720

t1_n69yft6	t3_1medn79	5	3	3169	4
0.0556	0.3168	0.6276	0.5720	
t1_n69h12n	t3_1medn79	5	3	3171	2
0.8358	0.1417	0.0225	-0.8133	
t1_n69h12n	t3_1medn79	5	3	3171	2
0.8358	0.1417	0.0225	-0.8133	
t1_n6b2al6	t3_1medn79	5	3	3117	2
0.2324	0.7325	0.0352	-0.1972	
t1_n6b2al6	t3_1medn79	5	3	3117	2
0.2324	0.7325	0.0352	-0.1972	
t1_n69twmg	t3_1medn79	5	3	175	1
0.8277	0.1593	0.0130	-0.8147	
t1_n69twmg	t3_1medn79	5	3	175	1
0.8277	0.1593	0.0130	-0.8147	
t1_n6e58eg	t3_1medn79	5	3	3175	0
0.2069	0.4576	0.3355	0.1286	
t1_n6e58eg	t3_1medn79	5	3	3175	0
0.2069	0.4576	0.3355	0.1286	
t1_n6caz0d	t3_1medn79	5	3	65	2
0.9165	0.0734	0.0100	-0.9065	
t1_n6caz0d	t3_1medn79	5	3	65	2
0.9165	0.0734	0.0100	-0.9065	
t1_n6a02xr	t3_1mcyfiy	5	3	95	3
0.3525	0.3618	0.2856	-0.0669	
t1_n6a02xr	t3_1mcyfiy	5	3	95	3
0.3525	0.3618	0.2856	-0.0669	
t1_n6et8dx	t3_1mf6f10	5	3	3339	4
0.1003	0.6744	0.2253	0.1250	
t1_n6et8dx	t3_1mf6f10	5	3	3339	4
0.1003	0.6744	0.2253	0.1250	
t1_n6fdj5h	t3_1mf6f10	5	3	3355	3
0.0767	0.4522	0.4711	0.3945	
t1_n6fdj5h	t3_1mf6f10	5	3	3355	3
0.0767	0.4522	0.4711	0.3945	
t1_n6evynb	t3_1mf6f10	5	3	53	3
0.0095	0.0471	0.9434	0.9339	
t1_n6evynb	t3_1mf6f10	5	3	53	3
0.0095	0.0471	0.9434	0.9339	
t1_n6fk70g	t3_1mf6f10	5	3	53	2
0.3617	0.2021	0.4363	0.0746	
t1_n6fk70g	t3_1mf6f10	5	3	53	2
0.3617	0.2021	0.4363	0.0746	
t1_n6fowbe	t3_1mf6f10	5	3	3355	3
0.1820	0.5766	0.2414	0.0594	
t1_n6fowbe	t3_1mf6f10	5	3	3355	3
0.1820	0.5766	0.2414	0.0594	
t1_n6an73d	t3_1me9elu	5	3	834	2

```
0.4294  | 0.5281 | 0.0425  |   -0.3869    |
| t1_n6an73d | t3_1me9elu |   5    |    3    |    834   | 2  |
0.4294  | 0.5281 | 0.0425  |   -0.3869    |
| t1_n6dg2a9 | t3_1mcyfiy |   5    |    3    |    57    | 2  |
0.0138  | 0.4206 | 0.5656  |    0.5518    |
| t1_n6dg2a9 | t3_1mcyfiy |   5    |    3    |    57    | 2  |
0.0138  | 0.4206 | 0.5656  |    0.5518    |
| t1_n69l1vi  | t3_1meflvm |   5    |    3    |   2693   | 4  |
0.2468  | 0.5468 | 0.2064  |   -0.0404    |
| t1_n69l1vi  | t3_1meflvm |   5    |    3    |   2693   | 4  |
0.2468  | 0.5468 | 0.2064  |   -0.0404    |
| t1_n69lbxr  | t3_1meflvm |   5    |    3    |   None   | 3  |
0.2831  | 0.5181 | 0.1988  |   -0.0843    |
| t1_n69lbxr  | t3_1meflvm |   5    |    3    |   None   | 3  |
0.2831  | 0.5181 | 0.1988  |   -0.0843    |
| t1_n6et8dx | t3_1mf6f10 |   5    |    3    |   3339   | 4  |
0.1003  | 0.6744 | 0.2253  |    0.1250    |
| t1_n6et8dx | t3_1mf6f10 |   5    |    3    |   3339   | 4  |
0.1003  | 0.6744 | 0.2253  |    0.1250    |
| t1_n6fdj5h  | t3_1mf6f10 |   5    |    3    |   3355   | 3  |
0.0767  | 0.4522 | 0.4711  |    0.3945    |
| t1_n6fdj5h  | t3_1mf6f10 |   5    |    3    |   3355   | 3  |
0.0767  | 0.4522 | 0.4711  |    0.3945    |
| t1_n6evynb  | t3_1mf6f10 |   5    |    3    |    53    | 3  |
0.0095  | 0.0471 | 0.9434  |    0.9339    |
| t1_n6evynb  | t3_1mf6f10 |   5    |    3    |    53    | 3  |
0.0095  | 0.0471 | 0.9434  |    0.9339    |
| t1_n6fk70g  | t3_1mf6f10 |   5    |    3    |    53    | 2  |
0.3617  | 0.2021 | 0.4363  |    0.0746    |
| t1_n6fk70g  | t3_1mf6f10 |   5    |    3    |    53    | 2  |
0.3617  | 0.2021 | 0.4363  |    0.0746    |
| t1_n6fowbe  | t3_1mf6f10 |   5    |    3    |   3355   | 3  |
0.1820  | 0.5766 | 0.2414  |    0.0594    |
| t1_n6fowbe  | t3_1mf6f10 |   5    |    3    |   3355   | 3  |
0.1820  | 0.5766 | 0.2414  |    0.0594    |
| t1_n69lbxr  | t3_1meflvm |   5    |    3    |   None   | 3  |
0.2831  | 0.5181 | 0.1988  |   -0.0843    |
| t1_n69lbxr  | t3_1meflvm |   5    |    3    |   None   | 3  |
0.2831  | 0.5181 | 0.1988  |   -0.0843    |
| t1_n69lu7p  | t3_1meflvm |   5    |    3    |   2693   | 5  |
0.0271  | 0.1160 | 0.8568  |    0.8297    |
| t1_n69lu7p  | t3_1meflvm |   5    |    3    |   2693   | 5  |
0.0271  | 0.1160 | 0.8568  |    0.8297    |
| t1_n69ie7v  | t3_1medn79 |   5    |    3    |    522   | 7  |
0.0819  | 0.3477 | 0.5704  |    0.4884    |
| t1_n69ie7v  | t3_1medn79 |   5    |    3    |    522   | 7  |
0.0819  | 0.3477 | 0.5704  |    0.4884    |
```

t1_n69yft6	t3_1medn79	5	3	3169	4	0.0556	0.3168	0.6276	0.5720
t1_n69yft6	t3_1medn79	5	3	3169	4	0.0556	0.3168	0.6276	0.5720
t1_n69h12n	t3_1medn79	5	3	3171	2	0.8358	0.1417	0.0225	-0.8133
t1_n69h12n	t3_1medn79	5	3	3171	2	0.8358	0.1417	0.0225	-0.8133
t1_n6b2al6	t3_1medn79	5	3	3117	2	0.2324	0.7325	0.0352	-0.1972
t1_n6b2al6	t3_1medn79	5	3	3117	2	0.2324	0.7325	0.0352	-0.1972
t1_n69twmg	t3_1medn79	5	3	175	1	0.8277	0.1593	0.0130	-0.8147
t1_n69twmg	t3_1medn79	5	3	175	1	0.8277	0.1593	0.0130	-0.8147
t1_n6e58eg	t3_1medn79	5	3	3175	0	0.2069	0.4576	0.3355	0.1286
t1_n6e58eg	t3_1medn79	5	3	3175	0	0.2069	0.4576	0.3355	0.1286
t1_n69l1vi	t3_1meflvm	5	3	2693	4	0.2468	0.5468	0.2064	-0.0404
t1_n69l1vi	t3_1meflvm	5	3	2693	4	0.2468	0.5468	0.2064	-0.0404
t1_n6an73d	t3_1me9elu	5	3	834	2	0.4294	0.5281	0.0425	-0.3869
t1_n6an73d	t3_1me9elu	5	3	834	2	0.4294	0.5281	0.0425	-0.3869
t1_n6a02xr	t3_1mcyfiy	5	3	95	3	0.3525	0.3618	0.2856	-0.0669
t1_n6a02xr	t3_1mcyfiy	5	3	95	3	0.3525	0.3618	0.2856	-0.0669
t1_n6caz0d	t3_1medn79	5	3	65	2	0.9165	0.0734	0.0100	-0.9065
t1_n6caz0d	t3_1medn79	5	3	65	2	0.9165	0.0734	0.0100	-0.9065
t1_n6dg2a9	t3_1mcyfiy	5	3	57	2	0.0138	0.4206	0.5656	0.5518
t1_n6dg2a9	t3_1mcyfiy	5	3	57	2	0.0138	0.4206	0.5656	0.5518
t1_n69lu7p	t3_1meflvm	5	4	2693	4	0.0271	0.1160	0.8568	0.8297
t1_n69lu7p	t3_1meflvm	5	4	2693	4	0.0271	0.1160	0.8568	0.8297
t1_n69ie7v	t3_1medn79	5	4	522	8	0.0819	0.3477	0.5704	0.4884
t1_n69ie7v	t3_1medn79	5	4	522	8				

						0.0819	0.3477	0.5704	0.4884
t1_n69yft6	t3_1medn79	5	4	3169	4	0.0556	0.3168	0.6276	0.5720
t1_n69yft6	t3_1medn79	5	4	3169	4	0.0556	0.3168	0.6276	0.5720
t1_n69h12n	t3_1medn79	5	4	3171	2	0.8358	0.1417	0.0225	-0.8133
t1_n69h12n	t3_1medn79	5	4	3171	2	0.8358	0.1417	0.0225	-0.8133
t1_n6b2al6	t3_1medn79	5	4	3117	2	0.2324	0.7325	0.0352	-0.1972
t1_n6b2al6	t3_1medn79	5	4	3117	2	0.2324	0.7325	0.0352	-0.1972
t1_n69twmg	t3_1medn79	5	4	175	1	0.8277	0.1593	0.0130	-0.8147

Truncated to displaylimit of 100.

[13]:
```sql
%sql SELECT * FROM fact_post LIMIT(100)
```

Running query in 'redshift://mydbuser:***@deds2025b.ctf3sicttrta.us-east-1.
↪redshift.amazonaws.com:5439/reddit_olap'

100 rows affected.

[13]:

post_name	date_key	subreddit_sk	author_sk	score	upvote_ratio	num_comments	negative	neutral	positive	net_sentiment
t3_1mgpcoe	1	2	198	2	1.0000	12	0.1999	0.7556	0.0445	-0.1553
t3_1mgju7k	1	2	2617	3	1.0000	7	0.4654	0.4625	0.0721	-0.3933
t3_1mghzhp	1	2	1	3	1.0000	7	0.0641	0.8203	0.1155	0.0514
t3_1mgth4a	1	3	2667	37	0.9700	25	0.8022	0.1875	0.0103	-0.7919
t3_1mgql6x	1	3	81	11	1.0000	0	0.5366	0.3731	0.0903	-0.4464
t3_1mgkeie	1	3	121	7	1.0000	19	0.8975	0.0920	0.0105	-0.8870
t3_1mgjauf	1	3	2725	41	1.0000	18	0.2301	0.6035	0.1664	-0.0637
t3_1mg9z5x	1	3	175	47	1.0000	7	0.8844	0.1018	0.0138	-0.8706

14

t3_1mg8e8q	1	3	129	19	1.0000	12	0.8501	0.1250	0.0249	-0.8252
t3_1mg7s3a	1	3	2633	14	1.0000	2	0.0159	0.4352	0.5489	0.5330
t3_1mg7s3a	1	3	2633	13	1.0000	2	0.0159	0.4352	0.5489	0.5330
t3_1mg7s3a	1	3	2633	13	1.0000	2	0.0159	0.4352	0.5489	0.5330
t3_1mgth4a	1	4	2667	37	0.9700	25	0.8022	0.1875	0.0103	-0.7919
t3_1mgql6x	1	4	81	11	1.0000	0	0.5366	0.3731	0.0903	-0.4464
t3_1mgkeie	1	4	121	7	1.0000	19	0.8975	0.0920	0.0105	-0.8870
t3_1mgjauf	1	4	2725	41	1.0000	18	0.2301	0.6035	0.1664	-0.0637
t3_1mg9z5x	1	4	175	47	1.0000	7	0.8844	0.1018	0.0138	-0.8706
t3_1mg8e8q	1	4	129	19	1.0000	12	0.8501	0.1250	0.0249	-0.8252
t3_1mg7s3a	1	4	2633	14	1.0000	2	0.0159	0.4352	0.5489	0.5330
t3_1mg7s3a	1	4	2633	13	1.0000	2	0.0159	0.4352	0.5489	0.5330
t3_1mg7s3a	1	4	2633	13	1.0000	2	0.0159	0.4352	0.5489	0.5330
t3_1mfeeyw	3	2	3	5	1.0000	5	0.0584	0.8557	0.0859	0.0275
t3_1mfcs8u	3	2	2573	5	0.8600	0	0.0466	0.9279	0.0255	-0.0211
t3_1mfu3bi	3	3	2649	4	1.0000	0	0.0745	0.8381	0.0875	0.0130
t3_1mfukc4	3	3	173	12	1.0000	14	0.1039	0.8733	0.0228	-0.0811
t3_1mfu3bi	3	3	2649	5	1.0000	0	0.0745	0.8381	0.0875	0.0130
t3_1mfsj1l	3	3	65	10	0.9200	13	0.0250	0.9091	0.0660	0.0410
t3_1mfirl0	3	3	2633	8	1.0000	2	0.0584	0.8450	0.0966	0.0382
t3_1mfcb4q	3	3	2647	12	1.0000	13	0.8761	0.1111	0.0128	-0.8633
t3_1mfu3bi	3	3	2649	3	0.8100	0	0.0745	0.8381	0.0875	0.0130
t3_1mfu3bi	3	4	2649	4	1.0000	0	0.0745	0.8381	0.0875	0.0130
t3_1mfukc4	3	4	173	12	1.0000					

14	0.1039	0.8733	0.0228	-0.0811						
t3_1mfu3bi	3	4	2649	5	1.0000	0	0.0745	0.8381	0.0875	0.0130
t3_1mfsj1l	3	4	65	10	0.9200	13	0.0250	0.9091	0.0660	0.0410
t3_1mfirl0	3	4	2633	8	1.0000	2	0.0584	0.8450	0.0966	0.0382
t3_1mfcb4q	3	4	2647	12	1.0000	13	0.8761	0.1111	0.0128	-0.8633
t3_1mfu3bi	3	4	2649	3	0.8100	0	0.0745	0.8381	0.0875	0.0130
t3_1m6d36u	11	2	2615	8	1.0000	13	0.3324	0.6311	0.0365	-0.2959
t3_1m664nt	11	2	33	5	0.8600	1	0.3302	0.6371	0.0327	-0.2975
t3_1m620nr	11	2	35	2	0.6300	9	0.0444	0.7508	0.2049	0.1605
t3_1m5zok6	11	2	37	2	1.0000	0	0.1521	0.8061	0.0417	-0.1104
t3_1m6r1kb	11	7	2906	3	1.0000	3	0.0393	0.9364	0.0243	-0.0149
t3_1m5r3kc	13	2	2617	3	1.0000	15	0.0642	0.7768	0.1590	0.0948
t3_1m5kohy	13	2	2619	5	1.0000	7	0.0133	0.6682	0.3185	0.3053
t3_1m5vztt	13	3	79	4	1.0000	7	0.6265	0.3551	0.0184	-0.6081
t3_1m5jbb9	13	3	81	11	0.9300	12	0.3930	0.5690	0.0380	-0.3551
t3_1m5vztt	13	3	79	4	1.0000	7	0.6265	0.3551	0.0184	-0.6081
t3_1m5jbb9	13	3	81	12	1.0000	12	0.3930	0.5690	0.0380	-0.3551
t3_1m5vztt	13	4	79	4	1.0000	7	0.6265	0.3551	0.0184	-0.6081
t3_1m5jbb9	13	4	81	11	0.9300	12	0.3930	0.5690	0.0380	-0.3551
t3_1m5vztt	13	4	79	4	1.0000	7	0.6265	0.3551	0.0184	-0.6081
t3_1m5jbb9	13	4	81	12	1.0000	12	0.3930	0.5690	0.0380	-0.3551
t3_1m5wm5b	13	7	56	23	1.0000	21	0.0631	0.5950	0.3419	0.2788
t3_1mzxh0q	17	1	2623	1	1.0000	0	0.0342	0.9393	0.0265	-0.0077
t3_1mzxh0n	17	1	2623	1	1.0000	0	0.0493	0.9283	0.0225	-0.0268

t3_1mzxh0f	17	1	2623	1	1.0000	0	0.0853	0.8961	0.0186	-0.0667
t3_1mzxh08	17	1	2623	1	1.0000	1	0.4953	0.4889	0.0158	-0.4795
t3_1mzxh00	17	1	2623	1	1.0000	0	0.0469	0.8662	0.0870	0.0401
t3_1mzxgzq	17	1	2623	1	1.0000	0	0.0150	0.7952	0.1898	0.1747
t3_1mzxgza	17	1	2623	1	1.0000	0	0.0064	0.5140	0.4795	0.4731
t3_1mzxgyx	17	1	2623	1	1.0000	0	0.0178	0.9354	0.0467	0.0289
t3_1mzv34k	17	1	2623	1	1.0000	0	0.0778	0.9018	0.0204	-0.0574
t3_1mzv344	17	1	2623	1	1.0000	0	0.0065	0.3172	0.6763	0.6698
t3_1mzqd3e	17	1	2623	1	1.0000	0	0.0793	0.9054	0.0153	-0.0640
t3_1mzozqg	17	1	2623	1	1.0000	0	0.0228	0.8632	0.1140	0.0912
t3_1mzjwk7	17	1	2623	1	1.0000	0	0.0183	0.9219	0.0598	0.0415
t3_1mznd2u	17	2	154	9	0.9100	9	0.5883	0.3728	0.0390	-0.5493
t3_1mzmtqr	17	2	106	2	1.0000	3	0.0436	0.9326	0.0238	-0.0198
t3_1mzlu9p	17	2	2791	7	0.8900	14	0.4063	0.4955	0.0982	-0.3080
t3_1mzdynv	17	2	2793	5	0.8600	17	0.1186	0.3992	0.4823	0.3637
t3_1mzgobw	17	3	39	33	0.9800	28	0.7219	0.2565	0.0216	-0.7003
t3_1mzgobw	17	3	39	31	0.9600	28	0.7219	0.2565	0.0216	-0.7003
t3_1mzgobw	17	3	39	32	0.9600	28	0.7219	0.2565	0.0216	-0.7003
t3_1mzgobw	17	3	39	31	0.9600	28	0.7219	0.2565	0.0216	-0.7003
t3_1mzgobw	17	3	39	33	1.0000	28	0.7219	0.2565	0.0216	-0.7003
t3_1mzgobw	17	3	39	35	1.0000	28	0.7219	0.2565	0.0216	-0.7003
t3_1mzgobw	17	4	39	33	0.9800	28	0.7219	0.2565	0.0216	-0.7003
t3_1mzgobw	17	4	39	31	0.9600	28	0.7219	0.2565	0.0216	-0.7003
t3_1mzgobw	17	4	39	32	0.9600					

```
28       |  0.7219  |  0.2565 |  0.0216  |    -0.7003   |
```

t3_1mzgobw	17	4	39	31	0.9600	28	0.7219	0.2565	0.0216	-0.7003
t3_1mzgobw	17	4	39	33	1.0000	28	0.7219	0.2565	0.0216	-0.7003
t3_1mzgobw	17	4	39	35	1.0000	28	0.7219	0.2565	0.0216	-0.7003
t3_1n06q7l	17	5	2730	28	0.9200	1	0.0044	0.9525	0.0431	0.0387
t3_1n02dsf	17	5	324	9	0.7200	26	0.5538	0.4250	0.0212	-0.5326
t3_1n000wt	17	5	326	1	0.6700	2	0.0507	0.8261	0.1232	0.0725
t3_1mzup4q	17	5	2732	180	0.9400	50	0.8559	0.1377	0.0064	-0.8495
t3_1mzseiy	17	5	328	159	1.0000	12	0.2144	0.5386	0.2470	0.0326
t3_1mzoozm	17	5	330	7	0.9000	2	0.3023	0.6640	0.0337	-0.2686
t3_1mzpub1	17	5	332	15	0.9000	2	0.0072	0.9261	0.0667	0.0595
t3_1mzor75	17	5	334	26	0.8000	8	0.5681	0.4112	0.0207	-0.5474
t3_1mzoj13	17	5	278	302	0.8700	170	0.6540	0.3322	0.0137	-0.6403
t3_1mzlulg	17	5	3039	4474	0.9900	594	0.0101	0.8150	0.1749	0.1648
t3_1n000wt	17	5	326	1	0.6700	2	0.0507	0.8261	0.1232	0.0725
t3_1mzup4q	17	5	2732	180	0.9400	50	0.8559	0.1377	0.0064	-0.8495
t3_1mzseiy	17	5	328	162	1.0000	12	0.2144	0.5386	0.2470	0.0326
t3_1mzoozm	17	5	330	9	1.0000	2	0.3023	0.6640	0.0337	-0.2686
t3_1mf31tc	5	2	5	5	0.8600	0	0.0197	0.4605	0.5198	0.5002
t3_1meoxqp	5	2	2575	3	1.0000	1	0.6841	0.2926	0.0232	-0.6609
t3_1meizmf	5	2	7	7	1.0000	1	0.0040	0.0364	0.9597	0.9557
t3_1mf6f10	5	3	53	10	0.9200	6	0.6346	0.3399	0.0255	-0.6091

```
+------------+---------+-------------+----------+-------+-------------+-----
---------+---------+---------+----------+--------------+
```

Truncated to displaylimit of 100.

```
[14]: %sql SELECT * FROM fact_tags LIMIT(100)
```

Running query in 'redshift://mydbuser:***@deds2025b.ctf3sicttrta.us-east-1.
↪redshift.amazonaws.com:5439/reddit_olap'

100 rows affected.

[14]:

tag_name	date_key	subreddit_sk	score	negative	neutral	positive	net_sentiment
chemo	2	7	1	0.7859	0.1846	0.0296	-0.7563
follow-up	2	7	2	0.0050	0.0263	0.9687	0.9638
surgery	2	7	1	0.7859	0.1846	0.0296	-0.7563
platinum	4	7	1	0.0645	0.8504	0.0851	0.0206
brca2	5	2	1	0.5471	0.3197	0.1331	-0.4140
breast	5	2	3	0.6841	0.2926	0.0232	-0.6609
chemo	5	2	2	0.2044	0.2594	0.5362	0.3319
follow-up	5	2	1	0.6219	0.3591	0.0189	-0.6030
surgery	5	2	1	0.6219	0.3591	0.0189	-0.6030
biopsy	5	3	20	0.6346	0.3399	0.0255	-0.6091
chemo	5	3	31	0.1478	0.4172	0.4350	0.2872
constipation	5	3	10	0.4416	0.2381	0.3203	-0.1213
cough	5	3	4	0.8358	0.1417	0.0225	-0.8133
ct scan	5	3	20	0.6346	0.3399	0.0255	-0.6091
diagnosis	5	3	4	0.9165	0.0734	0.0100	-0.9065
diarrhea	5	3	8	0.0556	0.3168	0.6276	0.5720
fatigue	5	3	10	0.4416	0.2381	0.3203	-0.1213
headache	5	3	2	0.8277	0.1593		

term							
						0.0130	-0.8147
mbc	5	3	4	0.2324	0.7325	0.0352	-0.1972
nausea	5	3	11	0.4274	0.1377	0.4349	0.0075
parp	5	3	2	0.8277	0.1593	0.0130	-0.8147
surgery	5	3	26	0.4936	0.3509	0.1555	-0.3380
tnbc	5	3	24	0.3242	0.3803	0.2955	-0.0287
vomiting	5	3	8	0.0556	0.3168	0.6276	0.5720
biopsy	5	4	20	0.6346	0.3399	0.0255	-0.6091
chemo	5	4	31	0.1478	0.4172	0.4350	0.2872
constipation	5	4	10	0.4416	0.2381	0.3203	-0.1213
cough	5	4	4	0.8358	0.1417	0.0225	-0.8133
ct scan	5	4	20	0.6346	0.3399	0.0255	-0.6091
diagnosis	5	4	4	0.9165	0.0734	0.0100	-0.9065
diarrhea	5	4	8	0.0556	0.3168	0.6276	0.5720
fatigue	5	4	10	0.4416	0.2381	0.3203	-0.1213
headache	5	4	2	0.8277	0.1593	0.0130	-0.8147
mbc	5	4	4	0.2324	0.7325	0.0352	-0.1972
nausea	5	4	11	0.4274	0.1377	0.4349	0.0075
parp	5	4	2	0.8277	0.1593	0.0130	-0.8147
surgery	5	4	26	0.4936	0.3509	0.1555	-0.3380
tnbc	5	4	24	0.3242	0.3803	0.2955	-0.0287
vomiting	5	4	8	0.0556	0.3168	0.6276	0.5720
biopsy	7	2	1	0.1724	0.7475	0.0800	-0.0924
brca1	7	2	3	0.1343	0.6962	0.1695	0.0352

breast	7	2	3	0.1343	0.6962	0.1695	0.0352
follow-up	7	2	1	0.1724	0.7475	0.0800	-0.0924
mammogram	7	2	1	0.1724	0.7475	0.0800	-0.0924
ovarian	7	2	3	0.1343	0.6962	0.1695	0.0352
surgery	7	2	47	0.0131	0.1731	0.8138	0.8007
diagnosis	7	3	17	0.5188	0.3197	0.1616	-0.3572
diarrhea	7	3	21	0.7141	0.2574	0.0285	-0.6856
nausea	7	3	21	0.7141	0.2574	0.0285	-0.6856
radiation	7	3	4	0.4449	0.5242	0.0309	-0.4140
vomiting	7	3	21	0.7141	0.2574	0.0285	-0.6856
diagnosis	7	4	17	0.5188	0.3197	0.1616	-0.3572
diarrhea	7	4	21	0.7141	0.2574	0.0285	-0.6856
nausea	7	4	21	0.7141	0.2574	0.0285	-0.6856
radiation	7	4	4	0.4449	0.5242	0.0309	-0.4140
vomiting	7	4	21	0.7141	0.2574	0.0285	-0.6856
nausea	7	7	1	0.8956	0.0970	0.0073	-0.8883
biopsy	9	2	2	0.0176	0.3575	0.6249	0.6073
brca1	9	2	10	0.0536	0.5359	0.4105	0.3569
brca2	9	2	7	0.5377	0.3590	0.1033	-0.4344
breast	9	2	33	0.2979	0.4581	0.2440	-0.0539
chemo	9	2	3	0.0413	0.1514	0.8073	0.7659
genetic testing	9	2	8	0.0124	0.5632	0.4244	0.4119
long term	9	2	5	0.3913	0.1972	0.4114	0.0201
ovarian	9	2	4	0.4476	0.3308		

						0.2215	-0.2261
screening	9	2	6	0.0470	0.7362	0.2168	0.1698
surgery	9	2	66	0.2361	0.4188	0.3451	0.1089
tnbc	9	2	2	0.1530	0.6955	0.1516	-0.0014
biopsy	9	3	2	0.2759	0.7012	0.0229	-0.2530
genetic testing	9	3	2	0.2759	0.7012	0.0229	-0.2530
her2	9	3	2	0.2759	0.7012	0.0229	-0.2530
biopsy	9	4	2	0.2759	0.7012	0.0229	-0.2530
genetic testing	9	4	2	0.2759	0.7012	0.0229	-0.2530
her2	9	4	2	0.2759	0.7012	0.0229	-0.2530
diagnosis	9	7	1	0.0612	0.8295	0.1093	0.0481
hrd	9	7	2	0.3972	0.5404	0.0624	-0.3348
ovarian	9	7	4	0.4677	0.4876	0.0447	-0.4229
screening	9	7	2	0.3972	0.5404	0.0624	-0.3348
surgery	9	7	4	0.4677	0.4876	0.0447	-0.4229
ovarian	10	7	1	0.0141	0.3986	0.5873	0.5733
breast	15	1	1	0.0114	0.6691	0.3195	0.3082
biopsy	15	2	1	0.6382	0.3264	0.0354	-0.6028
brca2	15	2	4	0.0576	0.8119	0.1305	0.0729
breast	15	2	20	0.2785	0.6507	0.0708	-0.2076
follow-up	15	2	1	0.1338	0.8159	0.0503	-0.0835
ovarian	15	2	5	0.3411	0.5853	0.0736	-0.2675
rash	15	2	3	0.3935	0.5834	0.0232	-0.3703
surgery	15	2	13	0.2339	0.5080	0.2581	0.0243

ultrasound	15	2	5	0.2835	0.6762	0.0403	-0.2431
biopsy	15	3	57	0.4873	0.3525	0.1602	-0.3271
breast	15	3	22	0.4044	0.3744	0.2212	-0.1832
chemo	15	3	55	0.3922	0.4212	0.1866	-0.2056
diagnosis	15	3	50	0.1530	0.6070	0.2400	0.0871
genetic testing	15	3	7	0.3331	0.6031	0.0638	-0.2693
her2	15	3	18	0.4877	0.4331	0.0792	-0.4085
mbc	15	3	44	0.4299	0.4781	0.0920	-0.3379
nausea	15	3	14	0.2001	0.6769	0.1231	-0.0770
ned	15	3	3	0.2257	0.5724	0.2019	-0.0238
radiation	15	3	33	0.3271	0.5895	0.0835	-0.2436
responding	15	3	10	0.1241	0.6040	0.2719	0.1478

Truncated to displaylimit of 100.