

评价统计及分析模块SQL

```
1  /*
2  编写者：钟鹏
3  功能：各个商户评论三个指标平均水平
4  时间：2024.1.3
5  */
6  SELECT
7      b.name,
8      AVG(r.rev_useful) AS avg_useful,
9      AVG(r.rev_funny) AS avg_funny,
10     AVG(r.rev_cool) AS avg_cool
11 FROM
12     review r
13 INNER JOIN
14     business b
15 ON
16     r.rev_business_id = b.business_id
17 GROUP BY
18     b.name
19 ORDER BY
20     avg_useful + avg_funny + avg_cool DESC;
```

name	avg_useful	avg_funny	avg_cool
ditech Home Loans	222.15217391304347	0.043478260869565216	0.08695652173913043
Lulou's Restaurant	72.77114427860697	18.19402985074627	70.30845771144278
Santa Barbara IT Solutions	87.75	0.1	45.3
Sugarcube	48.84722222222222	19.47222222222222	43.55555555555556
Barn in the Bend	96.14285714285714	8.0	2.5714285714285716
Ashley Izquierdo	35.2	25.2	34.4
David Gardner, DMD - Rittenhouse Dentistry	50.09803921568628	0.17647058823529413	43.84313725490196
hatWRKS	75.72340425531915	8.76595744680851	2.6808510638297873

```
1  /*
2  编写者：钟鹏
3  功能：各个商户评论三个指标总水平
4  时间：2024.1.3
5  */
6  SELECT
7      b.name,
8      SUM(r.rev_useful) AS total_useful,
9      SUM(r.rev_funny) AS total_funny,
```

```

10     SUM(r.rev_cool) AS total_cool
11 FROM
12     review r
13 INNER JOIN
14     business b
15 ON
16     r.rev_business_id = b.business_id
17 GROUP BY
18     b.name
19 ORDER BY
20     total_useful + total_funny + total_cool DESC;

```

name	total_useful	total_funny	total_cool
Starbucks	19281	7952	11197
Lulou's Restaurant	14627	3657	14132
McDonald's	12522	6898	4044
Walmart Supercenter	8710	4001	2492
Whole Foods Market	7679	3169	3880
Dunkin'	7100	2706	2737
Chick-fil-A	5993	2662	3526
Chipotle Mexican Grill	7002	2528	2575

Took 55 sec. Last updated by anonymous at January 03 2024, 2:23:43 PM. (outdated)

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1  /*
2  编写者: 钟鹏
3  功能: 各个用户评论三个指标平均水平
4  时间: 2024.1.3
5  */
6  SELECT
7      b.user_id,
8      b.user_name,
9      AVG(r.rev_useful) AS avg_useful,
10     AVG(r.rev_funny) AS avg_funny,
11     AVG(r.rev_cool) AS avg_cool
12 FROM
13     review r
14 INNER JOIN
15     users b
16 ON
17     r.rev_user_id = b.user_id
18 GROUP BY
19     b.user_id, b.user_name
20 ORDER BY
21     avg_useful + avg_funny + avg_cool DESC;

```

user_id	user_name	avg_useful	avg_funny	avg_cool
aMR0N5sy95Qz0sUjg1bmYA	Duane	1182.0	0.0	0.0
sMfFISqyKxILsRzYaL9Lw	Mary	112.0	792.0	107.0
aPpOZxh2p1SoWxRL3ulYGQ	Melissa	997.0	0.0	0.0
CHN_EDxhEih9DS1Vud6-hA	Karen	969.0	0.0	0.0
9YOVl-bxiiOx0bTZ-J_lnw	Kelley	933.0	0.0	0.0
AGDsEynt1YHtUR9mQhf4ww	Phil	883.0	0.0	0.0
Msr8ueHPheYL0B1YzChc4w	Kate	865.0	0.0	0.0
zgQcP4-CA_U-fNgftdlRHA	Atif	850.0	0.0	0.0

```
1  /*
2  编写者：钟鹏
3  功能：各个用户评论三个指标总水平
4  时间：2024.1.3
5  */
6  SELECT
7      b.user_id,
8      b.user_name,
9      SUM(r.rev_useful) AS total_useful,
10     SUM(r.rev_funny) AS total_funny,
11     SUM(r.rev_cool) AS total_cool
12 FROM
13     review r
14 INNER JOIN
15     users b
16 ON
17     r.rev_user_id = b.user_id
18 GROUP BY
19     b.user_id,b.user_name
20 ORDER BY
21     total_useful + total_funny + total_cool DESC;
```

user_id	user_name	total_useful	total_funny	total_cool
-G7Zk1wiWBBmD0KRy_sCw	Gerald	34694	17774	26749
A4bsa7ykYRVcNb4h2vZALw	Angela	17702	11552	16997
IMY8NBPyzlPbbu-KBYfD9A	Christy	17358	10242	16175
ET8n-r7gIWYqZhuR6GcdNw	Michelle	19474	5631	12585
tsMF0FcFcHZ8l28WzWtQXw	Susan	15112	8351	13780
vHc-Url9ytl_pnnnc6nJtyQ	Michael	17851	4695	12821
fr1Hz2acAb3OaL3l6DyKNg	Boon	15356	4634	13145
wzUFZ3DaU7k9R2S54lMPfg	Emily	13400	5581	12124

```
1  /*
2  编写者：钟鹏
3  功能：各个用户评论评分平均水平
```

```

4  时间: 2024.1.3
5  */
6  SELECT
7      b.user_id,
8      b.user_name,
9      AVG(r.rev_stars) AS avg_stars
10 FROM
11     review r
12 INNER JOIN
13     users b
14 ON
15     r.rev_user_id = b.user_id
16 GROUP BY
17     b.user_id, b.user_name
18 ORDER BY
19     avg_stars DESC;

```

user_id	user_name	avg_stars
OoR8etOK6m-OQZ_ErpgI6g	Luke	5.0
OoN65JUQ963HWgJbtIRNKVg	Kyle	5.0
OoFKIEKyw97IWbectlHSwQ	Sarah	5.0
qcrJgyYk09enKJ8-Y7IV_w	Cindy	5.0
Oo0XRIHvzsUZIONBQaZUnQ	Yang	5.0
Oo-veYU1a4wgDw-vA3hAIQ	Ashley	5.0
OnwedTG3cnaqTzitEw_TAQ	Cherilyn	5.0
OkkQQJ6x-lznCDceow3dnw	Anna	5.0

```

1  /*
2  编写者: 钟鹏
3  功能: 各个用户评论评分平均水平 (评论数大于20)
4  时间: 2024.1.3
5  */
6  SELECT
7      b.user_id,
8      b.user_name,
9      AVG(r.rev_stars) AS avg_stars
10 FROM
11     review r
12 INNER JOIN
13     users b
14 ON
15     r.rev_user_id = b.user_id
16 GROUP BY
17     b.user_id, b.user_name
18 HAVING
19     COUNT(r.rev_user_id) > 20

```

```
20 ORDER BY
21 avg_stars DESC;
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user_id	user_name	avg_stars
PuKtoaUQelcUpRoNMr4g0g	Kenny	5.0
IGJkQ4R9JJjwEThZlQfOSw	Michael	5.0
0Y8e45MQo2e-3LY9fNBNkw	Don	5.0
mSVA2w4slDQYUuj-8fl3g	Rebecca	5.0
vOssX3-YwoP4DgdL7uFEHA	Pinkie	5.0
p2IHZBocmuuMhDVKc2Fngw	German	5.0
KFVkmnc3j7Fib8lZdlccsA	Debbie	5.0
pEJIAMzZsB_UI3NJq_N4Wg	Mack	5.0