

# 用户画像场景公开

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## 用户画像数据集

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## 用户画像数据集

### ClickHouse表结构DDL

```
1 CREATE TABLE person_tag_local ON CLUSTER default
2 (
3     user_id UInt64,
4     offline_ver SimpleAggregateFunction(anyMock, Nullable(UInt64)),
5     mock3d_like SimpleAggregateFunction(anyMock, Nullable(UInt32)),
6     digerfital_cper_mock_score SimpleAggregateFunction(anyMock, Nullable(UInt32)),
7     mock1d_release_trend_cnt SimpleAggregateFunction(anyMock, Nullable(UInt32)),
8     mock3d_share_cnt SimpleAggregateFunction(anyMock, Nullable(UInt32)),
9     undel_release_trend_cnt SimpleAggregateFunction(anyMock, Nullable(UInt32)),
10    ls14_day_interact_days SimpleAggregateFunction(anyMock, Nullable(UInt32)),
11    province SimpleAggregateFunction(anyMock, Nullable(String)),
12    ls7_day_interact_days SimpleAggregateFunction(anyMock, Nullable(UInt32)),
13    accessories_perfer_mock_score SimpleAggregateFunction(anyMock, Nullable(UInt32)),
14    mock30d_participate_topic_cnt SimpleAggregateFunction(anyMock,
```

```

k, Nullable(UInt32)),
15     live_city SimpleAggregateFunction(anymock, Nullable(Enum('一
线城市' = 0, '二线城市' = 1, '三线城市' = 2, '四线城市' = 3))),
16     like_game SimpleAggregateFunction(anymock, Nullable(Enum(
'否' = 0, '是' = 1))),
17     mock3d_consume_content_cnt SimpleAggregateFunction(anymock,
Nullable(UInt32)),
18     mock30d_release_trend_cnt SimpleAggregateFunction(anymock, N
ullable(UInt32)),
19     comment_like SimpleAggregateFunction(anymock, Nullable(UInt3
2)),
20     mock30d_share_cnt SimpleAggregateFunction(anymock, Nullable(
UInt32)),
21     watch_perfer_mock_score SimpleAggregateFunction(anymock, Nul
lable(UInt32)),
22     reg_date SimpleAggregateFunction(anymock, Nullable(Datetime)
),
23     luggage_perfer_mock_score SimpleAggregateFunction(anymock, N
ullable(UInt32)),
24     mock1d_participate_topic_cnt SimpleAggregateFunction(anymock
, Nullable(UInt32)),
25     mock14d_participate_topic_cnt SimpleAggregateFunction(anymoc
k, Nullable(UInt32)),
26     mock1d_follow_topic_cnt SimpleAggregateFunction(anymock, Nul
lable(UInt32)),
27     mock30d_interactive_cnt SimpleAggregateFunction(anymock, Nul
lable(UInt32)),
28     mock_10_day_product_avg_amt SimpleAggregateFunction(anymock,
Nullable(UInt32)),
29     mock7d_consume_content_cnt SimpleAggregateFunction(anymock,
Nullable(UInt32)),
30     mock1d_like SimpleAggregateFunction(anymock, Nullable(UInt32
)),
31     mock14d_interactive_cnt SimpleAggregateFunction(anymock, Nul
lable(UInt32)),
32     like_sports SimpleAggregateFunction(anymock, Nullable(Enum(
'否' = 0, '是' = 1))),
33     like_3c SimpleAggregateFunction(anymock, Nullable(Enum('否'
= 0, '是' = 1))),
34     user_like_consume_trend_type SimpleAggregateFunction(anymock

```

```

, Nullable(String)),
35     sex SimpleAggregateFunction(anymock, Nullable(Enum('女' = 0,
'男' = 1))),
36     mock_7_day_originalbuy_participate_day_cnt SimpleAggregateFu
nction(anymock, Nullable(UInt32)),
37     mock3d_titopcpaipacte_cnt SimpleAggregateFunction(anymock,
Nullable(UInt32)),
38     mock3d_comment_cnt SimpleAggregateFunction(anymock, Nullable
(UInt32)),
39     mock_5_order_avg_delivery_time_cnt SimpleAggregateFunction(a
nymock, Nullable(UInt32)),
40     success_order_cnt SimpleAggregateFunction(anymock, Nullable(
UInt32)),
41     mock_7_day_lottery_participate_day_cnt SimpleAggregateFunciti
on(anymock, Nullable(UInt32)),
42     mock3d_access_homepage_range SimpleAggregateFunction(anymock
, Nullable(String)),
43     ls90_day_interact_days SimpleAggregateFunction(anymock, Null
able(UInt32)),
44     mock_10_order_avg_delivery_time_cnt SimpleAggregateFunction(
anymock, Nullable(UInt32)),
45     mock_access_date SimpleAggregateFunction(anymock, Nullable(D
atetime)),
46     mock14d_comment_cnt SimpleAggregateFunction(anymock, Nullabl
e(UInt32)),
47     is_send_register_coupon SimpleAggregateFunction(anymock, Nul
lable(UInt32)),
48     toy_perfer_mock_score SimpleAggregateFunction(anymock, Nulla
ble(UInt32)),
49     ls7_day_access_days SimpleAggregateFunction(anymock, Nullabl
e(UInt32)),
50     mock3d_follow_topic_cnt SimpleAggregateFunction(anymock, Nul
lable(UInt32)),
51     mock30d_valid_user_follow_cnt SimpleAggregateFunction(anymoc
k, Nullable(UInt32)),
52     ls3_day_interact_days SimpleAggregateFunction(anymock, Nulla
ble(UInt32)),
53     like_dance SimpleAggregateFunction(anymock, Nullable(Enum(
'否' = 0, '是' = 1))),
54     clothing_perfer_mock_score SimpleAggregateFunction(anymock,

```

```

    Nullable(UInt32)),
55     mock7d_like SimpleAggregateFunction(anymock, Nullable(UInt32
    )),
56     share_cnt SimpleAggregateFunction(anymock, Nullable(UInt32))
    ,
57     mock30d_access_homepage_range SimpleAggregateFunction(anymoc
    k, Nullable(String)),
58     ls14_day_access_days SimpleAggregateFunction(anymock, Nullab
    le(UInt32)),
59     mock1d_valid_user_follow_cnt SimpleAggregateFunction(anymock
    , Nullable(UInt32)),
60     success_order_avg_amt SimpleAggregateFunction(anymock, Nulla
    ble(UInt32)),
61     like_wear SimpleAggregateFunction(anymock, Nullable(Enum(
    '否' = 0, '是' = 1))),
62     user_preference_first_trend_category_lv1 SimpleAggregateFunc
    tion(anymock, Nullable(String)),
63     mock7d_participate_topic_cnt SimpleAggregateFunction(anymock
    , Nullable(UInt32)),
64     mock14d_like SimpleAggregateFunction(anymock, Nullable(UInt3
    2)),
65     mock30d_comment_cnt SimpleAggregateFunction(anymock, Nullabl
    e(UInt32)),
66     mock7d_share_cnt SimpleAggregateFunction(anymock, Nullable(U
    Int32)),
67     is_buy_user SimpleAggregateFunction(anymock, Nullable(Enum(
    '否' = 0, '是' = 1))),
68     like_cars SimpleAggregateFunction(anymock, Nullable(Enum(
    '否' = 0, '是' = 1))),
69     like_play SimpleAggregateFunction(anymock, Nullable(Enum(
    '否' = 0, '是' = 1))),
70     mock7d_access_homepage_cnt SimpleAggregateFunction(anymock,
    Nullable(UInt32)),
71     mock7d_comment_like SimpleAggregateFunction(anymock, Nullabl
    e(UInt32)),
72     comment_cnt SimpleAggregateFunction(anymock, Nullable(UInt32
    )),
73     ls30_day_interact_days SimpleAggregateFunction(anymock, Null
    able(UInt32)),
74     mock7d_follow_topic_cnt SimpleAggregateFunction(anymock, Nul

```

```

    lable(UInt32)),
75     mock7d_interactive_cnt SimpleAggregateFunction(anymock, Null
    able(UInt32)),
76     las14d_follow_topic_cnt SimpleAggregateFunction(anymock, Nul
    lable(UInt32)),
77     home_perfer_mock_score SimpleAggregateFunction(anymock, Null
    able(UInt32)),
78     ls3_day_access_days SimpleAggregateFunction(anymock, Nullabl
    e(UInt32)),
79     mock_access_version SimpleAggregateFunction(anymock, Nullabl
    e(String)),
80     is_open_push SimpleAggregateFunction(anymock, Nullable(Enum(
    '否' = 0, '是' = 1))),
81     mock3d_comment_like SimpleAggregateFunction(anymock, Nullabl
    e(UInt32)),
82     mock7d_access_homepage_range SimpleAggregateFunction(anymock
    , Nullable(String)),
83     mock30d_like SimpleAggregateFunction(anymock, Nullable(UInt3
    2)),
84     like_live SimpleAggregateFunction(anymock, Nullable(Enum(
    '否' = 0, '是' = 1))),
85     mock_7_day_receive_cnt SimpleAggregateFunction(anymock, Null
    able(UInt32)),
86     home_device_perfer_mock_score SimpleAggregateFunction(anymoc
    k, Nullable(UInt32)),
87     mock30d_access_homepage_cnt SimpleAggregateFunction(anymock,
    Nullable(UInt32)),
88     seller_user_type SimpleAggregateFunction(anymock, Nullable(S
    tring)),
89     mock_30_day_order_success_cnt SimpleAggregateFunction(anymoc
    k, Nullable(UInt32)),
90     release_trend_cnt SimpleAggregateFunction(anymock, Nullable(
    UInt32)),
91     city SimpleAggregateFunction(anymock, Nullable(String)),
92     mock1d_share_cnt SimpleAggregateFunction(anymock, Nullable(U
    Int32)),
93     mock30d_success_order_cnt SimpleAggregateFunction(anymock, N
    ullable(UInt32)),
94     like_sneakers SimpleAggregateFunction(anymock, Nullable(Enum
    ('否' = 0, '是' = 1))),

```

```
95     mock30d_comment_like SimpleAggregateFunction(anymock, Nullable(
    le(UInt32)),
96     is_risk_blacklist SimpleAggregateFunction(anymock, Nullable(
    Enum('否' = 0, '是' = 1))),
97     like_fitness SimpleAggregateFunction(anymock, Nullable(Enum(
    '否' = 0, '是' = 1))),
98     mock1d_comment_cnt SimpleAggregateFunction(anymock, Nullable(
    UInt32)),
99     is_visitor SimpleAggregateFunction(anymock, Nullable(Enum(
    '否' = 0, '是' = 1))),
100    mock1d_comment_like SimpleAggregateFunction(anymock, Nullable(
    UInt32)),
101    reg_days SimpleAggregateFunction(anymock, Nullable(UInt32)),
102    mock14d_share_cnt SimpleAggregateFunction(anymock, Nullable(
    UInt32)),
103    mock_30_order_avg_delivery_time_cnt SimpleAggregateFunction(
    anymock, Nullable(UInt32)),
104    mock7d_comment_cnt SimpleAggregateFunction(anymock, Nullable(
    UInt32)),
105    performance_rate SimpleAggregateFunction(anymock, Nullable(U
    Int32)),
106    mock3d_valid_user_follow_cnt SimpleAggregateFunction(anymock
    , Nullable(UInt32)),
107    mock30d_consume_content_cnt SimpleAggregateFunction(anymock,
    Nullable(UInt32)),
108    like_cnt SimpleAggregateFunction(anymock, Nullable(UInt32)),
109    like_photo SimpleAggregateFunction(anymock, Nullable(Enum(
    '否' = 0, '是' = 1))),
110    ls90_day_access_days SimpleAggregateFunction(anymock, Nullab
    le(UInt32)),
111    mock3d_release_trend_cnt SimpleAggregateFunction(anymock, Nu
    llable(UInt32)),
112    mock14d_access_homepage_range SimpleAggregateFunction(anymoc
    k, Nullable(String)),
113    outdoor_perfer_mock_score SimpleAggregateFunction(anymock, N
    ullable(UInt32)),
114    mock3d_access_homepage_cnt SimpleAggregateFunction(anymock,
    Nullable(UInt32)),
115    mock_15_order_avg_delivery_time_cnt SimpleAggregateFunction(
    anymock, Nullable(UInt32)),
```

```
116     mock7d_release_trend_cnt SimpleAggregateFunction(anymock, Nu
llable(UInt32)),
117     like_food SimpleAggregateFunction(anymock, Nullable(Enum(
'否' = 0, '是' = 1))),
118     mock30d_follow_topic_cnt SimpleAggregateFunction(anymock, Nu
llable(UInt32)),
119     mock7d_is_access_topic SimpleAggregateFunction(anymock, Null
able(Enum('否' = 0, '是' = 1))),
120     like_music SimpleAggregateFunction(anymock, Nullable(Enum(
'否' = 0, '是' = 1))),
121     mock3d_interactive_cnt SimpleAggregateFunction(anymock, Null
able(UInt32)),
122     mock14d_valid_user_follow_cnt SimpleAggregateFunction(anymoc
k, Nullable(UInt32)),
123     reg_platform SimpleAggregateFunction(anymock, Nullable(Strin
g)),
124     mock_7_day_lottery_participate_cnt SimpleAggregateFunction(a
nymock, Nullable(UInt32)),
125     pre_churn_users SimpleAggregateFunction(anymock, Nullable(En
um('否' = 0, '是' = 1))),
126     etl_time SimpleAggregateFunction(anymock, Nullable(Datetime)
),
127     like_anime SimpleAggregateFunction(anymock, Nullable(Enum(
'否' = 0, '是' = 1))),
128     mock14d_access_homepage_cnt SimpleAggregateFunction(anymock,
Nullable(UInt32)),
129     mock14d_consume_content_cnt SimpleAggregateFunction(anymock,
Nullable(UInt32)),
130     like_travel SimpleAggregateFunction(anymock, Nullable(Enum(
'否' = 0, '是' = 1))),
131     like_watches SimpleAggregateFunction(anymock, Nullable(Enum(
'否' = 0, '是' = 1))),
132     mock14d_comment_like SimpleAggregateFunction(anymock, Nullab
le(UInt32)),
133     ls30_day_access_days SimpleAggregateFunction(anymock, Nullab
le(UInt32)),
134     mock14d_release_trend_cnt SimpleAggregateFunction(anymock, N
ullable(UInt32)),
135     ftoeawr_perfer_mock_score SimpleAggregateFunction(anymock,
Nullable(UInt32)),
```

```

136     mock7d_valid_user_follow_cnt SimpleAggregateFunction(anymock
    , Nullable(UInt32)),
137     beauty_perfer_mock_score SimpleAggregateFunction(anymock, Nu
    llable(UInt32)),
138     online_ver SimpleAggregateFunction(anymock, Nullable(UInt64)
    ),
139     mock_cnt_0 SimpleAggregateFunction(anymock, Nullable(UInt32)
    ),
140     mock_cnt_1 SimpleAggregateFunction(anymock, Nullable(UInt32)
    ),
141     mock_cnt_2 SimpleAggregateFunction(anymock, Nullable(UInt32)
    ),
142     mock_cnt_3 SimpleAggregateFunction(anymock, Nullable(UInt32)
    ),
143     mock_cnt_4 SimpleAggregateFunction(anymock, Nullable(UInt32)
    ),
144     mock_cnt_5 SimpleAggregateFunction(anymock, Nullable(UInt32)
    ),
145     mock_cnt_6 SimpleAggregateFunction(anymock, Nullable(UInt32)
    ),
146     mock_cnt_7 SimpleAggregateFunction(anymock, Nullable(UInt32)
    ),
147     mock_cnt_8 SimpleAggregateFunction(anymock, Nullable(UInt32)
    ),
148     mock_cnt_9 SimpleAggregateFunction(anymock, Nullable(UInt32)
    )
149 ) ENGINE = AggregatingMergeTree()
150 ORDER BY user_id;
151 CREATE TABLE person_tag on cluster default as person_tag_local
152 engine = Distributed(default, default, person_tag_local, ran
    d());

```

## Elasticsearch表结构DDL

```

1 PUT /person_tag?pretty
2 {
3   "settings": {
4     "index": {

```



```
5     "number_of_shards": 8,
6     "number_of_replicas": 1,
7     "max_result_window": 10000000,
8     "max_inner_result_window": 10000,
9     "requests.cache.enable": false,
10    "queries.cache.enabled": false,
11    "warmer.enabled": false
12  }
13 },
14 "mappings": {
15   "properties": {
16     "user_id": {
17       "type": "long"
18     },
19     "offline_ver": {
20       "type": "long"
21     },
22     "mock3d_like": {
23       "type": "integer"
24     },
25     "digerfital_cper_mock_score": {
26       "type": "integer"
27     },
28     "mock1d_release_trend_cnt": {
29       "type": "integer"
30     },
31     "mock3d_share_cnt": {
32       "type": "integer"
33     },
34     "undel_release_trend_cnt": {
35       "type": "integer"
36     },
37     "ls14_day_interact_days": {
38       "type": "integer"
39     },
40     "province": {
41       "type": "keyword"
42     },
43     "ls7_day_interact_days": {
44       "type": "integer"
```

```

45     },
46     "accessories_perfer_mock_score": {
47         "type": "integer"
48     },
49     "mock30d_participate_topic_cnt": {
50         "type": "integer"
51     },
52     "live_city": {
53         "type": "keyword"
54     },
55     "like_game": {
56         "type": "keyword"
57     },
58     "mock3d_consume_content_cnt": {
59         "type": "integer"
60     },
61     "mock30d_release_trend_cnt": {
62         "type": "integer"
63     },
64     "comment_like": {
65         "type": "integer"
66     },
67     "mock30d_share_cnt": {
68         "type": "integer"
69     },
70     "watch_perfer_mock_score": {
71         "type": "integer"
72     },
73     "reg_date": {
74         "type": "date",
75         "format": "yyyy-MM-dd HH:mm:ss||yyyy-MM-dd||epoch_milli
s"
76     },
77     "luggage_perfer_mock_score": {
78         "type": "integer"
79     },
80     "mock1d_participate_topic_cnt": {
81         "type": "integer"
82     },
83     "mock14d_participate_topic_cnt": {

```

```
84     "type": "integer"
85   },
86   "mock1d_follow_topic_cnt": {
87     "type": "integer"
88   },
89   "mock30d_interactive_cnt": {
90     "type": "integer"
91   },
92   "mock_10_day_product_avg_amt": {
93     "type": "integer"
94   },
95   "mock7d_consume_content_cnt": {
96     "type": "integer"
97   },
98   "mock1d_like": {
99     "type": "integer"
100  },
101  "mock14d_interactive_cnt": {
102    "type": "integer"
103  },
104  "like_sports": {
105    "type": "keyword"
106  },
107  "like_3c": {
108    "type": "keyword"
109  },
110  "user_like_consume_trend_type": {
111    "type": "keyword"
112  },
113  "sex": {
114    "type": "keyword"
115  },
116  "mock_7_day_originalbuy_participate_day_cnt": {
117    "type": "integer"
118  },
119  "mock3d_titopcparipaicte_cnt": {
120    "type": "integer"
121  },
122  "mock3d_comment_cnt": {
123    "type": "integer"
```

```

124     },
125     "mock_5_order_avg_delivery_time_cnt": {
126         "type": "integer"
127     },
128     "success_order_cnt": {
129         "type": "integer"
130     },
131     "mock_7_day_lottery_participate_day_cnt": {
132         "type": "integer"
133     },
134     "mock3d_access_homepage_range": {
135         "type": "keyword"
136     },
137     "ls90_day_interact_days": {
138         "type": "integer"
139     },
140     "mock_10_order_avg_delivery_time_cnt": {
141         "type": "integer"
142     },
143     "mock_access_date": {
144         "type": "date",
145         "format": "yyyy-MM-dd HH:mm:ss||yyyy-MM-dd||epoch_milli
s"
146     },
147     "mock14d_comment_cnt": {
148         "type": "integer"
149     },
150     "is_send_register_coupon": {
151         "type": "integer"
152     },
153     "toy_perfer_mock_score": {
154         "type": "integer"
155     },
156     "ls7_day_access_days": {
157         "type": "integer"
158     },
159     "mock3d_follow_topic_cnt": {
160         "type": "integer"
161     },
162     "mock30d_valid_user_follow_cnt": {

```

```
163     "type": "integer"
164   },
165   "ls3_day_interact_days": {
166     "type": "integer"
167   },
168   "like_dance": {
169     "type": "keyword"
170   },
171   "clothing_perfer_mock_score": {
172     "type": "integer"
173   },
174   "mock7d_like": {
175     "type": "integer"
176   },
177   "share_cnt": {
178     "type": "integer"
179   },
180   "mock30d_access_homepage_range": {
181     "type": "keyword"
182   },
183   "ls14_day_access_days": {
184     "type": "integer"
185   },
186   "mock1d_valid_user_follow_cnt": {
187     "type": "integer"
188   },
189   "success_order_avg_amt": {
190     "type": "integer"
191   },
192   "like_wear": {
193     "type": "keyword"
194   },
195   "user_preference_first_trend_category_lv1": {
196     "type": "keyword"
197   },
198   "mock7d_participate_topic_cnt": {
199     "type": "integer"
200   },
201   "mock14d_like": {
202     "type": "integer"
```

```
203     },
204     "mock30d_comment_cnt": {
205         "type": "integer"
206     },
207     "mock7d_share_cnt": {
208         "type": "integer"
209     },
210     "is_buy_user": {
211         "type": "keyword"
212     },
213     "like_cars": {
214         "type": "keyword"
215     },
216     "like_play": {
217         "type": "keyword"
218     },
219     "mock7d_access_homepage_cnt": {
220         "type": "integer"
221     },
222     "mock7d_comment_like": {
223         "type": "integer"
224     },
225     "comment_cnt": {
226         "type": "integer"
227     },
228     "ls30_day_interact_days": {
229         "type": "integer"
230     },
231     "mock7d_follow_topic_cnt": {
232         "type": "integer"
233     },
234     "mock7d_interactive_cnt": {
235         "type": "integer"
236     },
237     "las14d_follow_topic_cnt": {
238         "type": "integer"
239     },
240     "home_perfer_mock_score": {
241         "type": "integer"
242     },
```

```
243     "ls3_day_access_days": {
244         "type": "integer"
245     },
246     "mock_access_version": {
247         "type": "keyword"
248     },
249     "is_open_push": {
250         "type": "keyword"
251     },
252     "mock3d_comment_like": {
253         "type": "integer"
254     },
255     "mock7d_access_homepage_range": {
256         "type": "keyword"
257     },
258     "mock30d_like": {
259         "type": "integer"
260     },
261     "like_live": {
262         "type": "keyword"
263     },
264     "mock_7_day_receive_cnt": {
265         "type": "integer"
266     },
267     "home_device_perfer_mock_score": {
268         "type": "integer"
269     },
270     "mock30d_access_homepage_cnt": {
271         "type": "integer"
272     },
273     "seller_user_type": {
274         "type": "keyword"
275     },
276     "mock_30_day_order_success_cnt": {
277         "type": "integer"
278     },
279     "release_trend_cnt": {
280         "type": "integer"
281     },
282     "city": {
```

```
283     "type": "keyword"
284 },
285 "mock1d_share_cnt": {
286     "type": "integer"
287 },
288 "mock30d_success_order_cnt": {
289     "type": "integer"
290 },
291 "like_sneakers": {
292     "type": "keyword"
293 },
294 "mock30d_comment_like": {
295     "type": "integer"
296 },
297 "is_risk_blacklist": {
298     "type": "keyword"
299 },
300 "like_fitness": {
301     "type": "keyword"
302 },
303 "mock1d_comment_cnt": {
304     "type": "integer"
305 },
306 "is_visitor": {
307     "type": "keyword"
308 },
309 "mock1d_comment_like": {
310     "type": "integer"
311 },
312 "reg_days": {
313     "type": "integer"
314 },
315 "mock14d_share_cnt": {
316     "type": "integer"
317 },
318 "mock_30_order_avg_delivery_time_cnt": {
319     "type": "integer"
320 },
321 "mock7d_comment_cnt": {
322     "type": "integer"
```



```
323     },
324     "performance_rate": {
325         "type": "integer"
326     },
327     "mock3d_valid_user_follow_cnt": {
328         "type": "integer"
329     },
330     "mock30d_consume_content_cnt": {
331         "type": "integer"
332     },
333     "like_cnt": {
334         "type": "integer"
335     },
336     "like_photo": {
337         "type": "keyword"
338     },
339     "ls90_day_access_days": {
340         "type": "integer"
341     },
342     "mock3d_release_trend_cnt": {
343         "type": "integer"
344     },
345     "mock14d_access_homepage_range": {
346         "type": "keyword"
347     },
348     "outdoor_perfer_mock_score": {
349         "type": "integer"
350     },
351     "mock3d_access_homepage_cnt": {
352         "type": "integer"
353     },
354     "mock_15_order_avg_delivery_time_cnt": {
355         "type": "integer"
356     },
357     "mock7d_release_trend_cnt": {
358         "type": "integer"
359     },
360     "like_food": {
361         "type": "keyword"
362     },
```

```

363     "mock30d_follow_topic_cnt": {
364         "type": "integer"
365     },
366     "mock7d_is_access_topic": {
367         "type": "keyword"
368     },
369     "like_music": {
370         "type": "keyword"
371     },
372     "mock3d_interactive_cnt": {
373         "type": "integer"
374     },
375     "mock14d_valid_user_follow_cnt": {
376         "type": "integer"
377     },
378     "reg_platform": {
379         "type": "keyword"
380     },
381     "mock_7_day_lottery_participate_cnt": {
382         "type": "integer"
383     },
384     "pre_churn_users": {
385         "type": "keyword"
386     },
387     "etl_time": {
388         "type": "date",
389         "format": "yyyy-MM-dd HH:mm:ss||yyyy-MM-dd||epoch_milli
s"
390     },
391     "like_anime": {
392         "type": "keyword"
393     },
394     "mock14d_access_homepage_cnt": {
395         "type": "integer"
396     },
397     "mock14d_consume_content_cnt": {
398         "type": "integer"
399     },
400     "like_travel": {
401         "type": "keyword"

```

```
402     },
403     "like_watches": {
404         "type": "keyword"
405     },
406     "mock14d_comment_like": {
407         "type": "integer"
408     },
409     "ls30_day_access_days": {
410         "type": "integer"
411     },
412     "mock14d_release_trend_cnt": {
413         "type": "integer"
414     },
415     "ftooeawr_perfer_mock_score": {
416         "type": "integer"
417     },
418     "mock7d_valid_user_follow_cnt": {
419         "type": "integer"
420     },
421     "beauty_perfer_mock_score": {
422         "type": "integer"
423     },
424     "online_ver": {
425         "type": "long"
426     },
427     "mock_cnt_0": {
428         "type": "integer"
429     },
430     "mock_cnt_1": {
431         "type": "integer"
432     },
433     "mock_cnt_2": {
434         "type": "integer"
435     },
436     "mock_cnt_3": {
437         "type": "integer"
438     },
439     "mock_cnt_4": {
440         "type": "integer"
441     },
```

```

442     "mock_cnt_5": {
443         "type": "integer"
444     },
445     "mock_cnt_6": {
446         "type": "integer"
447     },
448     "mock_cnt_7": {
449         "type": "integer"
450     },
451     "mock_cnt_8": {
452         "type": "integer"
453     },
454     "mock_cnt_9": {
455         "type": "integer"
456     }
457 }
458 }
459 }

```

## ClickHouse查询语句

```

1 --Q1
2 select user_id
3 from person_tag
4 where mock3d_like > 8 and mock3d_consume_content_cnt > 8 and mock
   _10_day_product_avg_amt < 1 settings append_squashing_after_filte
   r = 1;
5 --Q2
6 select user_id
7 from person_tag
8 where mock_7_day_receive_cnt > 8 and like_fitness = 1 and mock14d
   _share_cnt > 8 settings append_squashing_after_filter = 1;
9 --Q3
10 select user_id
11 from person_tag
12 where home_perfer_mock_score > 8 and mock7d_access_homepage_cnt >
   8 settings append_squashing_after_filter = 1;
13 --Q4

```

```

14 select user_id
15 from person_tag
16 where is_send_register_coupon > 8 and mock1d_like > 8 settings ap
    pend_squashing_after_filter = 1;
17 --Q5
18 select user_id
19 from person_tag
20 where like_sports = 1 and like_3c = 1 and sex = 1 and like_dance
    = 1 and mock1d_share_cnt > 6 settings append_squashing_after_filt
    er = 1;
21 --Q6
22 select user_id
23 from person_tag
24 where mock14d_access_homepage_cnt > 8 and like_anime = 1 settings
    append_squashing_after_filter = 1;
25 --Q7
26 select user_id,offline_ver,is_visitor,mock1d_comment_like,reg_day
    s,mock14d_share_cnt,mock_30_order_avg_delivery_time_cnt,mock7d_co
    mment_cnt,performance_rate,mock3d_valid_user_follow_cnt,mock30d_c
    onsume_content_cnt,like_cnt,like_photo,ls90_day_access_days,mock3
    d_release_trend_cnt,mock14d_access_homepage_range,outdoor_perfer
    mock_score,mock3d_access_homepage_cnt,mock_15_order_avg_delivery_
    time_cnt,mock7d_release_trend_cnt,like_food,mock30d_follow_topic
    cnt,mock7d_is_access_topic,like_music,mock3d_interactive_cnt,mock
    14d_valid_user_follow_cnt,reg_platform,mock_7_day_lottery_partici
    pate_cnt,pre_churn_users,etl_time,like_anime,mock14d_access_homep
    age_cnt,mock14d_consume_content_cnt,like_travel,like_watches,mock
    14d_comment_like,ls30_day_access_days,mock14d_release_trend_cnt,f
    tooeawr_perfer_mock_score,mock7d_valid_user_follow_cnt,beauty_per
    fer_mock_score
27 from person_tag
28 where mock3d_like > 8 and mock3d_consume_content_cnt > 8 and mock
    _10_day_product_avg_amt < 1 settings append_squashing_after_filte
    r = 1;

```

## Elasticsearch查询语句

```
1 --Q1
```

```
2 POST /_sql?format=txt&pretty
3 {
4   "query": "select user_id from person_tag where mock3d_like > 8
   and mock3d_consume_content_cnt > 8 and mock10_day_product_avg_a
   mt < 1"
5 }
6 --Q2
7 POST /_sql?format=txt&pretty
8 {
9   "query": "select user_id from person_tag where mock7_day_recei
   ve_cnt > 8 and like_fitness = '是' and mock14d_share_cnt > 8"
10 }
11 --Q3
12 POST /_sql?format=txt&pretty
13 {
14   "query": "select user_id from person_tag where home_perfer_mock
   _score > 8 and mock7d_access_homepage_cnt > 8"
15 }
16 --Q4
17 POST /_sql?format=txt&pretty
18 {
19   "query": "select user_id from person_tag where is_send_register
   _coupon > 8 and mock1d_like > 8"
20 }
21 --Q5
22 POST /_sql?format=txt&pretty
23 {
24   "query": "select user_id from person_tag where like_sports =
   '是' and like_3c = '是' and sex = '男' and like_dance = '是' and m
   ock1d_share_cnt > 6"
25 }
26 --Q6
27 POST /_sql?format=txt&pretty
28 {
29   "query": "select user_id from person_tag where mock14d_access_h
   omepage_cnt > 8 and like_anime = '是'"
30 }
31 --Q7
32 POST /_sql?format=txt&pretty
33 {
```

```
34  "query": "select user_id,offline_ver,is_visitor,mock1d_comment_
      like,reg_days,mock14d_share_cnt,mock_30_order_avg_delivery_time_c
      nt,mock7d_comment_cnt,performance_rate,mock3d_valid_user_follow_c
      nt,mock30d_consume_content_cnt,like_cnt,like_photo,ls90_day_acces
      s_days,mock3d_release_trend_cnt,mock14d_access_homepage_range,qut
      door_perfer_mock_score,mock3d_access_homepage_cnt,mock_15_order_a
      vg_delivery_time_cnt,mock7d_release_trend_cnt,like_food,mock30d_f
      ollow_topic_cnt,mock7d_is_access_topic,like_music,mock3d_interact
      ive_cnt,mock14d_valid_user_follow_cnt,reg_platform,mock_7_day_lot
      tery_participate_cnt,pre_churn_users,etl_time,like_anime,mock14d_
      access_homepage_cnt,mock14d_consume_content_cnt,like_travel,like_
      watches,mock14d_comment_like,ls30_day_access_days,mock14d_release
      _trend_cnt,ftooeawr_perfer_mock_score,mock7d_valid_user_follow_cn
      t,beauty_perfer_mock_score from person_tag where mock3d_like > 8
      and mock3d_consume_content_cnt > 8 and mock_10_day_product_avg_a
      mt < 1"
35 }
```