# **开发方案**

# **数仓 Hive 代码：**

-- CREATE TABLE ads.ads\_chat\_rep\_voice\_union\_grade\_stat\_1d(  
-- uid BIGINT COMMENT '用户ID',  
-- room\_id STRING COMMENT '房间id',  
-- `day` BIGINT COMMENT '日期yyyyMMdd',  
-- `diamond` BIGINT COMMENT '受赏总钻石',  
-- direct\_diamond BIGINT COMMENT '直送钻石',  
-- effective\_day BIGINT COMMENT '有效天数',  
-- effevtive\_min BIGINT COMMENT '有效分钟数'  
-- )   
-- COMMENT '语音公会评级主持维度指标日统计'   
-- PARTITIONED by (dt STRING)  
-- STORED AS PARQUET;  
  
  
  
SET hive.exec.dynamic.partition=TRUE;  
SET hive.exec.dynamic.partition.mode=nonstrict;  
  
  
INSERT OVERWRITE TABLE ads.ads\_chat\_rep\_voice\_union\_grade\_stat\_1d PARTITION(dt)  
SELECT t1.uid AS uid  
,t1.room\_id AS room\_id  
,CAST(t1.date\_id AS BIGINT) AS `day`  
,nvl(all\_diamond\_num, 0) AS `diamond`  
,nvl(all\_diamond\_num, 0)-nvl(box\_gift\_diamond\_num, 0) AS direct\_diamond\_num  
,nvl(effective\_day, 0) AS effective\_day  
,nvl(effevtive\_min, 0) AS effevtive\_min  
,t1.date\_id AS dt  
FROM   
(  
SELECT uid,room\_id,date\_id  
FROM tmp.tmp\_chat\_rep\_union\_grade\_sign\_record\_${dt}   
GROUP BY uid,room\_id,date\_id  
) t1   
LEFT JOIN tmp.tmp\_chat\_rep\_union\_grade\_mic\_dur\_stat\_${dt} t2   
ON t1.uid = t2.uid   
AND t1.room\_id = t2.room\_id  
AND t1.date\_id = t2.dt  
LEFT JOIN tmp.tmp\_chat\_rep\_union\_grade\_be\_reward\_stat\_${dt} t3  
ON t1.uid = t3.uid   
AND t1.room\_id = t3.room\_id  
AND t1.date\_id = t3.dt  
;

drop table if EXISTS tmp.tmp\_chat\_rep\_union\_grade\_sign\_record\_${dt};  
create table if not EXISTS tmp.tmp\_chat\_rep\_union\_grade\_sign\_record\_${dt} TBLPROPERTIES ('LIFECYCLE'='7d') AS  
WITH tmp AS (  
SELECT a.room\_id AS room\_id  
 ,uid  
 ,sign\_begin\_time   
 ,contract\_end\_time  
 ,templet  
FROM (  
 -- 从业人员  
 SELECT room\_id  
 ,uid  
 ,CAST(create\_time AS string) AS sign\_begin\_time  
 ,if(status = 1, '2099-12-31 23:59:59', CAST(unbind\_time AS string)) AS contract\_end\_time  
 FROM ods.ods\_official\_room\_t\_chatroom\_bind\_record\_df  
 WHERE dt = '${dt}'  
 AND CASE   
 WHEN status = 1 THEN true  
 WHEN unbind\_time > CONCAT('${dt\_fmt}', ' 00:00:00') THEN true  
 ELSE false  
 END  
 UNION ALL  
 -- status=2 有几条数据解约时间不是默认解约时间，0的有几十条是默认解约时间  
 SELECT room\_id  
 ,uid  
 ,sign\_date AS sign\_begin\_time  
 ,contract\_end\_time  
 FROM ods.ods\_bx\_app\_chatroom\_t\_chatroom\_preside\_apply\_df  
 WHERE dt = '${dt}'  
 AND status IN (0, 2)  
 AND CASE   
 WHEN status = 2 AND contract\_end\_time != '2033-01-01 00:00:00' THEN false  
 WHEN status = 0 AND contract\_end\_time = '2033-01-01 00:00:00' THEN false  
 WHEN contract\_end\_time > CONCAT('${dt\_fmt}', ' 00:00:00') THEN true  
 ELSE false  
 END  
) a  
JOIN (  
 -- 聊天室模版  
 SELECT room\_id  
 ,templet  
 ,room\_tags  
 FROM dim.dim\_chat\_room\_config  
 WHERE dt = '${dt}'  
 AND templet IN (2, 3, 4, 7, 8)  
) b  
ON a.room\_id = b.room\_id  
)

drop table if EXISTS tmp.tmp\_chat\_rep\_union\_grade\_be\_reward\_stat\_${dt};  
create table if not EXISTS tmp.tmp\_chat\_rep\_union\_grade\_be\_reward\_stat\_${dt} TBLPROPERTIES ('LIFECYCLE'='7d') AS  
  
WITH pay\_data AS (  
-- 获取魅力值到账记录  
SELECT CAST(uid AS BIGINT) AS uid  
 ,NVL(room\_id, '') AS room\_id  
 ,amount AS all\_amt  
 ,CASE   
 WHEN b.pay\_id IS NOT NULL THEN 0  
 WHEN is\_special\_asset\_gift = '1' THEN 0  
 WHEN is\_combine\_pay = '1' THEN amount - direct\_amt  
 ELSE amount  
 END AS box\_gift\_amt  
 ,CASE   
 WHEN b.pay\_id IS NOT NULL THEN amount  
 WHEN is\_special\_asset\_gift = '1' THEN amount  
 WHEN is\_combine\_pay = '1' THEN direct\_amt  
 ELSE 0  
 END AS direct\_amt  
 ,pay\_time  
 ,dt  
FROM (  
 SELECT uid  
 ,CAST(amount AS DECIMAL(10,2)) AS amount  
 ,GET\_JSON\_OBJECT(check\_ext, '$.roomId') AS room\_id  
 ,GET\_JSON\_OBJECT(check\_ext, '$.combinePay') AS is\_combine\_pay  
 ,NVL(CAST(GET\_JSON\_OBJECT(check\_ext, '$.combinePayAmount') AS DECIMAL(10,2)), 0) AS direct\_amt  
 ,GET\_JSON\_OBJECT(check\_ext, '$.special\_asset\_gift') AS is\_special\_asset\_gift  
 ,NVL(CAST(GET\_JSON\_OBJECT(check\_ext, '$.special\_asset\_gift\_value') AS DECIMAL(10,2)), 0) AS special\_asset\_amt  
 ,pay\_id  
 ,CAST(create\_time AS STRING) AS pay\_time  
 ,dt  
 FROM payment\_reconciliation.payment\_journal\_report  
 WHERE dt = '${dt}'  
 AND trade\_type IN (  
 'P\_T\_200028',   
 'P\_T\_200023',   
 'P\_T\_200026',   
 'P\_T\_200057',   
 'P\_T\_200104',   
 'P\_T\_200148',   
 'P\_T\_200410',   
 'P\_T\_200721'  
 )  
 AND change\_type = 'I' -- 入账记录  
 AND asset = 'CHARM' -- 魅力值资产  
 AND CAST(amount AS DECIMAL(10,2)) > 0  
) a  
LEFT JOIN (  
 SELECT pay\_id  
 FROM   
 (  
 -- 查找所有不包含礼物支出的交易ID  
 SELECT pay\_id  
 ,MAX(IF(asset = 'GIFT',1,0)) AS is\_gift\_asset  
 FROM payment\_reconciliation.payment\_journal\_report  
 WHERE dt = '${dt}'  
 AND trade\_type IN (  
 'P\_T\_200028',   
 'P\_T\_200023',   
 'P\_T\_200026',   
 'P\_T\_200057',   
 'P\_T\_200104',   
 'P\_T\_200148',   
 'P\_T\_200410',   
 'P\_T\_200721'  
 )  
 AND change\_type = 'O' -- 只查找支出记录  
 AND CAST(amount AS DECIMAL(10,2)) > 0  
 -- AND asset != 'GIFT'  
 GROUP BY pay\_id  
 ) t  
 WHERE is\_gift\_asset = 0  
) b   
ON a.pay\_id = b.pay\_id  
WHERE NVL(room\_id, '') != ''  
AND NVL(uid, '') != ''  
)  
  
  
SELECT t1.uid AS uid  
 ,t1.room\_id AS room\_id  
 ,dt  
 ,CAST(SUM(all\_amt \* 100) AS BIGINT) AS all\_diamond\_num  
 ,CAST(SUM(box\_gift\_amt \* 100) AS BIGINT) AS box\_gift\_diamond\_num  
FROM pay\_data t1  
join tmp.tmp\_chat\_rep\_union\_grade\_sign\_record\_${dt} t2  
on t1.uid = t2.uid   
and t1.room\_id = t2.room\_id  
WHERE pay\_time >= sign\_begin\_time AND pay\_time <= contract\_end\_time  
GROUP BY t1.uid,t1.room\_id,dt

# **MySQL 表结构**

CREATE TABLE `t\_chatroom\_host\_task\_detail` (  
 `id` bigint(20) unsigned NOT NULL AUTO\_INCREMENT COMMENT '主键',  
 `uid` bigint(20) NOT NULL DEFAULT '0' COMMENT '用户ID',  
 `room\_id` varchar(100) NOT NULL DEFAULT '' COMMENT '房间ID',  
 `day` bigint(20) NOT NULL DEFAULT '0' COMMENT '日期yyyyMMdd',  
 `diamond` bigint(20) NOT NULL DEFAULT '0' COMMENT '受赏总钻石',  
 `direct\_diamond` bigint(20) NOT NULL DEFAULT '0' COMMENT '直送钻石',  
 `effective\_day` int(11) NOT NULL DEFAULT '0' COMMENT '有效天数',  
 `effevtive\_min` int(11) NOT NULL DEFAULT '0' COMMENT '有效分钟数',  
 `create\_time` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP COMMENT '创建时间',  
 `update\_time` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP COMMENT '更新时间',  
 PRIMARY KEY (`id`),  
 KEY `idx\_day\_roomid` (`day`,`room\_id`)  
) ENGINE=InnoDB AUTO\_INCREMENT=1389801 DEFAULT CHARSET=utf8mb4 COMMENT='主持明细表'

# **映射关系**

ads.ads\_chat\_rep\_voice\_union\_grade\_stat\_1d.diamond = t\_chatroom\_host\_task\_detail.diamond

ads.ads\_chat\_rep\_voice\_union\_grade\_stat\_1d.direct\_diamond\_num = t\_chatroom\_host\_task\_detail.direct\_diamond