by小时可累加

1）年货节元旦分小时成交金额

```
SET jn_begin = '2020-12-31' ;
SET jn_end = '2021-01-02' ;
SET qn_begin = '2021-01-10';
SET qn_end = '2021-01-12' ;
--
-- Map  True
SET hive.merge.mapfiles = true;
-- Reduce  False
SET hive.merge.mapredfiles = true;
--
SET hive.merge.size.per.task = 256000000;
--map-reducemerge
SET hive.merge.smallfiles.avgsize = 256000000;
-- spark
SET spark.sql.hive.mergeFiles = true;
SET hive.exec.parallel = true;
--Reduce
SET hive.exec.reducers.bytes.per.reducer = 2000000000;
--
SET hive.map.aggr = true;
SET hive.groupby.mapaggr.checkinterval = 100000;
SET hive.auto.convert.join = true;
SELECT
        DATE,
        ord_deal_tm_1hour_seg,
        IF(spite_user_flag IS NULL, '', '') spite_user_flag,
        first_biz,
        m.bu_id,
        m.bu_name,
        m.dept_id_1,
        m.dept_name_1,
        m.dept_id_2,
        m.dept_name_2,
        COUNT(
                CASE
                        WHEN par_ord_num >= 2
                        THEN m.user_log_acct
                        ELSE NULL
                END) reusers,
        SUM(par_ord_num) par_ord_num,
        SUM(ord_num) ord_num,
        SUM(sale_qtty) sale_qtty,
        SUM(m.sale_amount) amount
FROM
        (
                SELECT
                        DATE,
                        ord_deal_tm_1hour_seg,
                        --MIN(a.sale_ord_dt) sale_ord_dt,
                        user_log_acct,
                        COALESCE(first_biz, '') first_biz,
                        bu_id,
                        bu_name,
                        COALESCE(dept_id_1, bu_id) dept_id_1,
                        COALESCE(dept_name_1, bu_name) dept_name_1,
                        COALESCE(dept_id_2, dept_id_1, bu_id) dept_id_2,
                        COALESCE(dept_name_2, dept_name_1, bu_name) dept_name_2,
                        COUNT(DISTINCT a.sale_ord_id) ord_num,
                        COUNT(DISTINCT a.parent_sale_ord_id) par_ord_num,
                        SUM(after_prefr_amount_1) sale_amount,
                        SUM(sale_qtty) sale_qtty
                FROM
                        (
                                SELECT
                                        DATE,
```

```sql
                                              ord_deal_tm_1hour_seg,
                                              COALESCE(d.user_log_acct, a.user_log_acct) user_log_acct,
                                              a.item_sku_id,
                                              a.sale_ord_id,
                                              a.parent_sale_ord_id,
                                              after_prefr_amount_1,
                                              sale_qtty
                                      FROM
                                      (
                                              SELECT
                                                      dt period,
                                                      SUBSTR(dt, 1, 10) DATE,
                                                      ord_deal_tm_1hour_seg,
                                                      item_sku_id,
                                                      lower(trim(user_log_acct)) user_log_acct,
                                                      sale_ord_id,
                                                      parent_sale_ord_id,
                                                      after_prefr_amount_1,
                                                      sale_qtty
                                              FROM
                                              app.v_adm_d04_trade_ord_det_sku_snapshot_dsc
                                              WHERE
                                              (
                                                      dt BETWEEN ${hiveconf:qn_begin} AND ${hiveconf:qn_end}

                                                      OR --
                                                      dt BETWEEN ${hiveconf:jn_begin} AND ${hiveconf:jn_end} --
                                              )
                              AND
                                                              (
                                                                      (
                                                                              ord_deal_tm >= '2020-12-31 20:00:00.0'
                                                                              AND ord_deal_tm < '2021-01-03 00:00:00.0'
                                                                      )
                                                                      OR
                                                                      (
                                                                              ord_deal_tm >= '2021-01-10 20:00:00.0'
                                                                              AND ord_deal_tm < '2021-01-13 00:00:00.0'
                                                                      )
                                                              )
                                                      AND intraday_ord_deal_flag = '1' ----
                                                      AND biz_flag_collect['int_pur_ord_flag'] <> 1 ----
                                                      AND NOT -----
                                                      (
                                                              (
                                                                      SUBSTR(sale_ord_tm, 1, 7) = '2019-09'
                                                                      AND item_sku_id IN('48464949580', '30870620253', '57774409900', '55706494208', '26818119384', '54667186647', '53136309235')
                                                                      AND after_prefr_amount_1 = 0
                                                              )
                                                              OR
                                                              (
                                                                      SUBSTR(sale_ord_tm, 1, 7) = '2019-10'
                                                                      AND item_sku_id IN('59256483010', '59923134353', '59808372547', '25567537480', '17638139051', '53566357856', '60079540391', '31263465720', '59764684496', '31462151012', '55706494208', '26818119384')
                                                                      AND after_prefr_amount_1 = 0
                                                              )
                                                              OR
                                                              (
                                                                      SUBSTR(sale_ord_tm, 1, 7) = '2019-11'
                                                                      AND item_sku_id IN('59808372547', '31263465720', '57831018938', '60079540391', '17638139051', '25567537480', '53566357856', '31462151012', '61131141710', '55706494208', '59706386696', '59256483010', '59923134353')
                                                                      AND after_prefr_amount_1 = 0
                                                              )
```

```
                                                        OR
                                                        (
                                                                SUBSTR(sale_ord_tm, 1, 7) = '2019-12'
                                                                AND item_sku_id IN('31462151012',
'25567537480', '17638139051', '61131141710', '60079540391', '59923134353', '59706386696', '59256483010',
'59808372547', '63286732760', '31253816513', '64070058868')
                                                                AND after_prefr_amount_1 = 0
                                                        )
                                                        OR
                                                        (
                                                                SUBSTR(sale_ord_tm, 1, 7) = '2020-01'
                                                                AND item_sku_id IN('65022686872',
'64996853576', '64480689843', '65239218998', '22779898023', '65097923242', '65184261843', '59706386696',
'65402777116', '59256483010', '17638139051', '56737544720', '60085547354', '65390940638', '63286732760',
'25567537480', '31462151012', '65400485921', '31253816513', '65237861210', '63582299301', '31253816513',
'59923134353', '65371773259', '59808372547', '65237861210', '65413081358', '64070058868', '65237389447',
'65389757945', '19890090318',
                                                                        '65414863984', '64524169693')
                                                                AND after_prefr_amount_1 = 0
                                                        )
                                                        OR
                                                        (
                                                                SUBSTR(sale_ord_tm, 1, 7) = '2020-02'
                                                                AND item_sku_id IN('64480689843',
'65239218998', '64998713624', '22779898023', '65097923242', '65184261843', '65181662155', '59706386696',
'65402777116', '59256483010', '17638139051', '56737544720', '60085547354', '63286732760', '65390940638',
'25567537480', '31462151012', '65400485921', '31253816513', '65237861210', '63582299301', '31253816513',
'59923134353', '65371773259', '59808372547', '65237861210', '65413081358', '64070058868', '65237389447',
'65389757945', '19890090318',
                                                                        '65414863984', '64524169693',
'65654218318', '65181329060', '65184669035')
                                                                AND after_prefr_amount_1 = 0
                                                        )
                                                        OR
                                                        (
                                                                SUBSTR(sale_ord_tm, 1, 7) = '2020-03'
                                                                AND sale_ord_tm >= '2020-03-17'
                                                                AND item_sku_id IN('66269141140',
'15927724967', '66105918256', '62771580667', '66105251687', '66268657319', '66102311556', '66598010366',
'66609180202', '57680664816', '66598410030', '66609165002', '66105327888', '65005418820', '66105424016',
'66362379923', '62993053466')
                                                                AND user_payable_pay_amount <= 0.01
                                                        )
                                                        OR
                                                        (
                                                                SUBSTR(sale_ord_tm, 1, 7) = '2020-03'
                                                                AND sale_ord_tm < '2020-03-17'
                                                                AND item_sku_id IN('65885203603',
'64998713624', '65414863984', '59256483010', '65402777116', '65181662155', '60085547354', '65390940638',
'31253816513', '65371773259', '65237861210', '65389757945', '64524169693', '65654218318', '65184669035',
'65576613217')
                                                                AND after_prefr_amount_1 = 0
                                                        )
                                                        OR
                                                        (
                                                                SUBSTR(sale_ord_tm, 1, 7) >= '2020-04'
                                                                AND item_sku_id IN('100008320133',
'66338893949', '100008320101', '100014840590', '100008285335', '100014840538', '100014805262', '100008715519',
'54150835358', '10021790350993', '100008715517', '100008715531', '10024281476710', '10022454850185',
'10024024303767', '66269141140', '15927724967', '66105918256', '62771580667', '66105251687', '66268657319',
'66102311556', '66598010366', '66609180202', '57680664816', '66598410030', '66609165002', '66105327888',
'65005418820', '66105424016',
                                                                        '66362379923', '62993053466',
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'67106425943', '48467931365', '67655565958', '69042744182', '15928149727', '69042636730', '69046178800',
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```

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'10032914026904', '10038264546848',

'10038263911355', '10034460125576',
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'10037539434815', '44640506741', '71824021312', '57669709583', '54538166825', '10023202185289', '68468861841',
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'10035619420057', '10038337707261', '10033105429247', '10035208602552', '10037774910244', '10026254055320',
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'10023602457777', '28675451965', '21125245601', '10030567861983', '10036018370251', '10037092468016',
'23920758124', '62620103946', '64996853576', '67836564055', '10037765822985', '10036336025959',
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'10038607180811', '10039644849554',
'10032291415415', '10035610606941', '71440495812', '10036768328440', '68514358863', '10314658392',
'10037674340462', '69064676001', '10037276844965', '10038437078287', '16240163296', '10020858055849',
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'10037151128595', '65257123126', '10037729514801',

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'10036444848875', '10037155997530', '72295188633', '10037586688036', '10036094516851', '10026840354838',
'10034294566326', '10036096528383', '72326756413'
                                                        , '10037792292411')
                                                    AND user_payable_pay_amount <= 0.01
                                            )
                                        )
                                )
                                a
                        LEFT JOIN
                                (
                                        SELECT
                                                lower(trim(user_pin)) pin,
                                                lower(trim(unify_user_pin)) user_log_acct,
                                                is_unify_pin_valid
                                        FROM
                                                app.app_unify_user_validity_da
                                        WHERE
                                                dt = sysdate( - 2)
                                        GROUP BY
                                                lower(trim(user_pin)),
                                                lower(trim(unify_user_pin)),
                                                is_unify_pin_valid
                                ) ----pin
                                d
                        ON
                                a.user_log_acct = d.pin
                        GROUP BY
                                DATE,
                                ord_deal_tm_1hour_seg,
                                COALESCE(d.user_log_acct, a.user_log_acct),
                                a.item_sku_id,
                                a.sale_ord_id,
                                a.parent_sale_ord_id,
                                after_prefr_amount_1,
                                sale_qtty
                )
                a
        JOIN
                (
                        SELECT
                                bu_id,
                                bu_name,
                                dept_id_1,
                                dept_name_1,
                                dept_id_2,
                                dept_name_2,
                                --dept_id_3,
                                --dept_name_3,
                                item_sku_id
                        FROM
                                gdm.gdm_m03_sold_item_sku_da
                        WHERE
                                dt = sysdate( - 1)
                                AND bu_id = 1727
                                AND brand_code NOT IN('140289') ----
                )
                b
        ON
                a.item_sku_id = b.item_sku_id
        LEFT JOIN
                (
                        SELECT
                                item_sku_id, ------BC
                                sale_ord_id,
                                first_biz,
                                scnd_biz,
                                third_biz
                        FROM
                                app.app_adm_d04_trade_ord_bc_classify_di_dsc_mid
```

```
                                          WHERE
                                                  (
                                                          dt BETWEEN date_sub(${hiveconf:qn_begin}, 90) AND date_sub
(${hiveconf:qn_end}, - 90)
                                                          OR--
                                                          dt BETWEEN date_sub(${hiveconf:jn_begin}, 90) AND date_sub
(${hiveconf:jn_end}, - 90) --
                                                  )
                                                  AND valid_flag = '1'
                                          GROUP BY
                                                  item_sku_id,
                                                  sale_ord_id,
                                                  first_biz,
                                                  scnd_biz,
                                                  third_biz
                          )
                          c
                  ON
                          a.sale_ord_id = c.sale_ord_id
                          AND a.item_sku_id = c.item_sku_id
                  GROUP BY
                          DATE,
                          ord_deal_tm_1hour_seg,
                          COALESCE(first_biz, ''),
                          user_log_acct,
                          bu_id,
                          bu_name,
                          dept_id_1,
                          dept_name_1,
                          dept_id_2,
                          dept_name_2 grouping sets((DATE, ord_deal_tm_1hour_seg, COALESCE(first_biz, ''),
user_log_acct, bu_id, bu_name),(DATE, ord_deal_tm_1hour_seg,COALESCE(first_biz, ''), user_log_acct, bu_id,
bu_name, dept_id_1, dept_name_1),(DATE, ord_deal_tm_1hour_seg,COALESCE(first_biz, ''), user_log_acct, bu_id,
bu_name, dept_id_1, dept_name_1, dept_id_2, dept_name_2))
          )
          m
LEFT JOIN
          (
                  SELECT
                          lower(trim(unif_user_log_acct)) user_log_acct,
                          spite_user_flag
                  FROM
                          app.app_adm_s01_user_new_or_old_flag_detail_dsc_mid
                  WHERE
                          dt = sysdate( - 1)
                          AND spite_user_flag = 1
                          AND tp = 'dept'
                  GROUP BY
                          lower(trim(unif_user_log_acct)),
                          spite_user_flag
          )
          c
ON
          m.user_log_acct = c.user_log_acct
GROUP BY
          DATE,
          ord_deal_tm_1hour_seg,
          IF(spite_user_flag IS NULL, '', ''),
          first_biz,
          m.bu_id,
          m.bu_name,
          m.dept_id_1,
          m.dept_name_1,
          m.dept_id_2,
          m.dept_name_2
```

2) 年货节元旦分小时成交金额

```
SET jn_begin = '2020-12-31' ;
```

```sql
SET jn_end = '2021-01-02' ;
SET qn_begin = '2021-01-10';
SET qn_end = '2021-01-12' ;
--
-- Map  True
SET hive.merge.mapfiles = true;
-- Reduce  False
SET hive.merge.mapredfiles = true;
--
SET hive.merge.size.per.task = 256000000;
--map-reducemerge
SET hive.merge.smallfiles.avgsize = 256000000;
-- spark
SET spark.sql.hive.mergeFiles = true;
SET hive.exec.parallel = true;
--Reduce
SET hive.exec.reducers.bytes.per.reducer = 2000000000;
--
SET hive.map.aggr = true;
SET hive.groupby.mapaggr.checkinterval = 100000;
SET hive.auto.convert.join = true;
WITH
        sw_cundang_192021 AS
        (
                SELECT
                        DATE,
                        min_halfhour,
                        IF(spite_user_flag IS NULL, '', '') spite_user_flag,
                        COALESCE(first_biz,'') first_biz,
                        m.bu_id,
                        m.bu_name,
                        m.dept_id_1,
                        m.dept_name_1,
                        m.dept_id_2,
                        m.dept_name_2,
                        CASE fst_all_yn
                                WHEN '1'
                                THEN ''
                                WHEN '0'
                                THEN ''
                                ELSE ''
                        END user_type,
                        COUNT(DISTINCT m.user_log_acct) users
                FROM
                        (
                                SELECT
                                        DATE,
                                        MIN(halfhour) min_halfhour,
                                        sale_ord_dt,
                                        user_log_acct,
                                        COALESCE(first_biz, '') first_biz,
                                        bu_id,
                                        bu_name,
                                        COALESCE(dept_id_1, bu_id) dept_id_1,
                                        COALESCE(dept_name_1, bu_name) dept_name_1,
                                        COALESCE(dept_id_2, dept_id_1, bu_id) dept_id_2,
                                        COALESCE(dept_name_2, dept_name_1, bu_name) dept_name_2,
                                        COUNT(DISTINCT a.sale_ord_id) ord_num,
                                        COUNT(DISTINCT a.parent_sale_ord_id) par_ord_num,
                                        SUM(after_prefr_amount_1) sale_amount,
                                        SUM(sale_qtty) sale_qtty
                                FROM
                                        (
                                                SELECT
                                                        DATE,
                                                        halfhour,
                                                        MIN(sale_ord_dt) sale_ord_dt,
                                                        COALESCE(d.user_log_acct, a.user_log_acct)
user_log_acct,
                                                        a.item_sku_id,
                                                        a.sale_ord_id,
```

```sql
                                                        a.parent_sale_ord_id,
                                                        after_prefr_amount_1,
                                                        sale_qtty
                                        FROM
                                        (
                                                SELECT
                                                        dt,
                                                        SUBSTR(dt, 1, 10) DATE,
                                                        concat(lpad(SUBSTR
(ord_deal_tm_10min_seg, 9, 2), 2, 0), lpad(floor(SUBSTR(ord_deal_tm_10min_seg, 11, 2) / 30) * 30, 2, 0))
halfhour, -- 00:00-00:300
                                                        SUBSTR(sale_ord_tm, 1, 10) sale_ord_dt,
                                                        item_sku_id,
                                                        lower(trim(user_log_acct))
user_log_acct,
                                                        sale_ord_id,
                                                        parent_sale_ord_id,
                                                        after_prefr_amount_1,
                                                        sale_qtty
                                        FROM
                                        app.
v_adm_d04_trade_ord_det_sku_snapshot_dsc
                                        WHERE
                                        (
                                                        dt BETWEEN ${hiveconf:qn_begin}
AND ${hiveconf:qn_end}
                                                        OR --
                                                        dt BETWEEN ${hiveconf:jn_begin}
AND ${hiveconf:jn_end} --
                                        )
                                        AND
                                        (
                                                (
                                                        ord_deal_tm >= '2020-12-
31 20:00:00.0'
                                                        AND ord_deal_tm < '2021-
01-03 00:00:00.0'
                                                )
                                                OR
                                                (
                                                        ord_deal_tm >= '2021-01-
10 20:00:00.0'
                                                        AND ord_deal_tm < '2021-
01-13 00:00:00.0'
                                                )
                                        )
                                        AND intraday_ord_deal_flag = '1' ----
                                        AND biz_flag_collect
['int_pur_ord_flag'] <> 1 ----
                                        AND NOT -----
                                        (
                                                (
                                                        SUBSTR(sale_ord_tm, 1,
7) = '2019-09'
                                                        AND item_sku_id IN
('48464949580', '30870620253', '57774409900', '55706494208', '26818119384', '54667186647', '53136309235')
                                                        AND
after_prefr_amount_1 = 0
                                                )
                                                OR
                                                (
                                                        SUBSTR(sale_ord_tm, 1,
7) = '2019-10'
                                                        AND item_sku_id IN
('59256483010', '59923134353', '59808372547', '25567537480', '17638139051', '53566357856', '60079540391',
'31263465720', '59764684496', '31462151012', '55706494208', '26818119384')
                                                        AND
after_prefr_amount_1 = 0
                                                )
                                                OR
                                                (
```

```sql
                                                                                    SUBSTR(sale_ord_tm, 1,
7) = '2019-11'
                                                                                    AND item_sku_id IN
('59808372547', '31263465720', '57831018938', '60079540391', '17638139051', '25567537480', '53566357856',
'31462151012', '61131141710', '55706494208', '59706386696', '59256483010', '59923134353')
                                                                                    AND
after_prefr_amount_1 = 0
                                                                            )
                                                                            OR
                                                                            (
                                                                                    SUBSTR(sale_ord_tm, 1,
7) = '2019-12'
                                                                                    AND item_sku_id IN
('31462151012', '25567537480', '17638139051', '61131141710', '60079540391', '59923134353', '59706386696',
'59256483010', '59808372547', '63286732760', '31253816513', '64070058868')
                                                                                    AND
after_prefr_amount_1 = 0
                                                                            )
                                                                            OR
                                                                            (
                                                                                    SUBSTR(sale_ord_tm, 1,
7) = '2020-01'
                                                                                    AND item_sku_id IN
('65022686872', '64996853576', '64480689843', '65239218998', '22779898023', '65097923242', '65184261843',
'59706386696', '65402777116', '59256483010', '17638139051', '56737544720', '60085547354', '65390940638',
'63286732760', '25567537480', '31462151012', '65400485921', '31253816513', '65237861210', '63582299301',
'31253816513', '59923134353', '65371773259', '59808372547', '65237861210', '65413081358', '64070058868',
'65237389447', '65389757945', '19890090318',
                                                                                            '65414863984',
'64524169693')
                                                                                    AND
after_prefr_amount_1 = 0
                                                                            )
                                                                            OR
                                                                            (
                                                                                    SUBSTR(sale_ord_tm, 1,
7) = '2020-02'
                                                                                    AND item_sku_id IN
('64480689843', '65239218998', '64998713624', '22779898023', '65097923242', '65184261843', '65181662155',
'59706386696', '65402777116', '59256483010', '17638139051', '56737544720', '60085547354', '63286732760',
'65390940638', '25567537480', '31462151012', '65400485921', '31253816513', '65237861210', '63582299301',
'31253816513', '59923134353', '65371773259', '59808372547', '65237861210', '65413081358', '64070058868',
'65237389447', '65389757945', '19890090318',
                                                                                            '65414863984',
'64524169693', '65654218318', '65181329060', '65184669035')
                                                                                    AND
after_prefr_amount_1 = 0
                                                                            )
                                                                            OR
                                                                            (
                                                                                    SUBSTR(sale_ord_tm, 1,
7) = '2020-03'
                                                                                    AND sale_ord_tm >=
'2020-03-17'
                                                                                    AND item_sku_id IN
('66269141140', '15927724967', '66105918256', '62771580667', '66105251687', '66268657319', '66102311556',
'66598010366', '66609180202', '57680664816', '66598410030', '66609165002', '66105327888', '65005418820',
'66105424016', '66362379923', '62993053466')
                                                                                    AND
user_payable_pay_amount <= 0.01
                                                                            )
                                                                            OR
                                                                            (
                                                                                    SUBSTR(sale_ord_tm, 1,
7) = '2020-03'
                                                                                    AND sale_ord_tm < '2020-
03-17'
                                                                                    AND item_sku_id IN
('65885203603', '64998713624', '65414863984', '59256483010', '65402777116', '65181662155', '60085547354',
'65390940638', '31253816513', '65371773259', '65237861210', '65389757945', '64524169693', '65654218318',
'65184669035', '65576613217')
```

```
                                                                AND
after_prefr_amount_1 = 0
                                                            )
                                                            OR
                                                            (
                                                                SUBSTR(sale_ord_tm, 1,
7) >= '2020-04'
                                                                AND item_sku_id IN
('100008320133', '66338893949', '100008320101', '100014840590', '100008285335', '100014840538', '100014805262',
'100008715519', '54150835358', '10021790350993', '100008715517', '100008715531', '10024281476710',
'10022454850185', '10024024303767', '66269141140', '15927724967', '66105918256', '62771580667', '66105251687',
'66268657319', '66102311556', '66598010366', '66609180202', '57680664816', '66598410030', '66609165002',
'66105327888', '65005418820', '66105424016'
                                                                , '66362379923',
'62993053466', '67412926483', '66328146637', '68008845337', '43826345978', '67825871315', '25598066668',
'67101867847', '67106425943', '48467931365', '67655565958', '69042744182', '15928149727', '69042636730',
'69046178800', '69042644144', '69042604768', '59256483010', '69044897408', '69048096629', '69047764658',
'69045517007', '69042751685', '69046067963', '69044459545', '53060220721', '54381038018', '69359356607',
'69824809581', '70893068274', '70877597642',
                                                                '71841643553',
'71384418347', '71384414239', '71002957035', '71984127963', '25054362594', '10020316405615', '71002498796',
'69533366793', '72211694318', '10020290250894', '72339105555', '72250378393', '71981223678', '10020318954620',
'72486529963', '10021385293427', '70334123401', '68300737114', '17390259156', '71217515869', '10021429737352',
'10021678717408', '10021507033398', '10021714249680', '71212971877', '10022241535542', '10022218360472',
'10023316835939', '10023107745890',
                                                                '10023104201537',
'10023181640838', '10023997986591', '10024547643180', '10024505357224', '10024591210954', '10024056475162',
'10025211224933', '10025170698248', '10025286787572', '10025658926017', '10023008602436', '10023435227132',
'100017095694', '100007672093', '100014755346', '100007256531', '100014797774', '100014798538', '100008228601',
'18298513529', '62680289515', '67064868083', '66109164909', '65803588176', '67089011053', '67087968226',
'33724155259', '67642024639',
                                                                '10023754012858',
'100014844690', '100014892760', '100008320131', '100014869144', '10024281317439', '100017095724',
'10025914690760', '10026063926672', '10024195924321', '72294035450', '10026055913444', '10025886155711',
'10026025702049', '10026053725142', '10026327282984', '10026327323290', '10025881353120', '10024082770999',
'72326756413', '10026005452613', '10023777111028', '10026209639119', '10026428293589', '10026428259499',
'11498397745', '10027127648463', '10024756899368',
                                                                '10027028393785',
'10027081610521', '10027096999067', '10026354750168', '69539953705', '10027031810710', '10024727917785',
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                                                                '68008845337',
'43826345978', '67825871315', '25598066668', '67101867847', '67106425943', '48467931365', '67655565958',
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                                                                '71002957035',
'71984127963', '25054362594', '10020316405615', '71002498796', '69533366793', '72211694318', '10020290250894',
'72339105555', '72250378393', '71981223678', '10020318954620', '72486529963', '100014797774', '100014798538',
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'10021678717408', '10021507033398', '10021714249680', '71212971877', '10022241535542', '10022218360472',
'10023316835939', '10023107745890',
                                                                '10023104201537',
'10023181640838', '10023008602436', '10023435227132', '10023997986591', '10024547643180', '10024505357224',
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'100014755346', '10025286787572', '10025658926017', '10026053725142', '10026025702049', '10026005452613',
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'10030664258942', '10029195782262', '10021525316680', '10020990444852', '53355359785', '10032666300532',
'10032663557655', '10033847882923', '10034082006803',
                                                                '10032836001645',
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'10035208421336', '10034971317584', '10034988020422', '10034459305955', '10032128064676', '10035647672222',
'10034449969468', '10035766750296', '10034792033868', '26004900242', '100025777180', '100025732088',
```

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'100015107416', '100025494098', '100026053664', '10035726521104', '10036117264911', '10036486050908',
'10036488432071', '10032914026904', '10038264546848',
                                                                          '10038263911355',
'10034460125576', '67885792656', '10033444830004', '10020484219504', '10034275768273', '10036368812686',
'10035704510352', '10037539434815', '44640506741', '71824021312', '57669709583', '54538166825',
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'10037774910244', '10026254055320', '10037287401802',
                                                                          '10035255095093',
'10032958728488', '52285027592', '67061001099', '10027813115518', '54552205645', '10036296588041',
'10036853013064', '10029772527959', '10025871482298', '44601583614', '10038440233892', '10031533363654',
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'10037092468016', '23920758124', '62620103946', '64996853576', '67836564055', '10037765822985',
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'10020858055849', '10138601012', ''10035879080832', '34673384103', '10039173136768', '38118199493',
'13743004231', '100020958568531', '10037474837728', '45208454191', '21609485650', '69286119793', '70169897024',
'10037151128595', '65257123126', '10037729514801',
                                                                          '70370054474',
'40805011266', '29595281988', '''10022827289156', '41256285933', '55332108747', '10033267037670',
'62203174503', '10033783961117', '26931267834', '''10039530144074', '10025761981117', '10024856009629',
'26806202217', '10032740886675', '10037452028615', '10038843926576', '19579574388', '10035373561436',
'10036850002795', '10036444848875', '10037155997530', '72295188633', '10037586688036', '10036094516851',
'10026840354838', '10034294566326', '10036096528383',
                                                                          '72326756413',
'10037792292411')
                                                                    AND
user_payable_pay_amount <= 0.01
                                                        )
                                                    )
                                                )
                                                a
                                        LEFT JOIN
                                            (
                                                SELECT
                                                        lower(trim(user_pin)) pin,
                                                        lower(trim(unify_user_pin))
user_log_acct,
                                                        is_unify_pin_valid
                                                FROM
                                                        app.app_unify_user_validity_da
                                                WHERE
                                                        dt = sysdate( - 2)
                                                GROUP BY
                                                        lower(trim(user_pin)),
                                                        lower(trim(unify_user_pin)),
                                                        is_unify_pin_valid
                                            ) ----pin
                                            d
                                        ON
                                            a.user_log_acct = d.pin
                                        GROUP BY
                                            DATE,
                                            halfhour,
                                            COALESCE(d.user_log_acct, a.user_log_acct),
                                            a.item_sku_id,
                                            a.sale_ord_id,
                                            a.parent_sale_ord_id,
                                            after_prefr_amount_1,
                                            sale_qtty
                                    )
                                    a
                            JOIN
                                (
                                    SELECT
                                            bu_id,
                                            bu_name,
                                            dept_id_1,
                                            dept_name_1,
```

```
                                                dept_id_2,
                                                dept_name_2,
                                                --dept_id_3,
                                                --dept_name_3,
                                                item_sku_id
                                    FROM
                                                gdm.gdm_m03_sold_item_sku_da
                                    WHERE
                                                dt = sysdate( - 1)
                                                AND bu_id = 1727
                                                AND brand_code NOT IN('140289') ----
                                    )
                                    b
                        ON
                                    a.item_sku_id = b.item_sku_id
                        LEFT JOIN
                                    (
                                                SELECT
                                                            item_sku_id, ------BC
                                                            sale_ord_id,
                                                            first_biz,
                                                            scnd_biz,
                                                            third_biz
                                                FROM
                                                            app.app_adm_d04_trade_ord_bc_classify_di_dsc_mid
                                                WHERE
                                                            (
                                                                        dt BETWEEN date_sub(${hiveconf:qn_begin}, 90)
AND date_sub(${hiveconf:qn_end}, - 90)
                                                                        OR--
                                                                        dt BETWEEN date_sub(${hiveconf:jn_begin}, 90)
AND date_sub(${hiveconf:jn_end}, - 90) --
                                                            )
                                                            AND valid_flag = '1'
                                                GROUP BY
                                                            item_sku_id,
                                                            sale_ord_id,
                                                            first_biz,
                                                            scnd_biz,
                                                            third_biz
                                    )
                                    c
                        ON
                                    a.sale_ord_id = c.sale_ord_id
                                    AND a.item_sku_id = c.item_sku_id
                        GROUP BY
                                    DATE,
                                    sale_ord_dt,
                                    COALESCE(first_biz, ''),
                                    user_log_acct,
                                    bu_id,
                                    bu_name,
                                    dept_id_1,
                                    dept_name_1,
                                    dept_id_2,
                                    dept_name_2 grouping sets((DATE, sale_ord_dt, COALESCE(first_biz, ''),
user_log_acct, bu_id, bu_name),(DATE, sale_ord_dt, COALESCE(first_biz, ''), user_log_acct, bu_id, bu_name,
dept_id_1, dept_name_1),(DATE, sale_ord_dt, COALESCE(first_biz, ''), user_log_acct, bu_id, bu_name, dept_id_1,
dept_name_1, dept_id_2, dept_name_2))
                        )
                        m
            LEFT OUTER JOIN
                        (
                                    SELECT
                                                bu_id,
                                                dept_id_1,
                                                dept_id_2,
                                                user_log_acct,
                                                --min_dt1,
                                                MAX(fst_all_yn) fst_all_yn,
                                                min_dt1
```

```sql
                                    FROM
                                        (
                                            SELECT
                                                    bu_id,
                                                    COALESCE(dept_id_1, bu_id) dept_id_1,
                                                    COALESCE(dept_id_2, dept_id_1, bu_id) dept_id_2,
                                                    lower(trim(unif_user_log_acct)) user_log_acct,
                                                    MIN(fst_ord_dt) min_dt1, --
                                                    MAX(fst_all_yn) fst_all_yn
                                            FROM
                                                    app.app_adm_s01_user_new_or_old_flag_detail_dsc_mid
                                            WHERE
                                                    dt = sysdate( - 2)
                                                    AND bu_id = '1727' --id
                                                    AND tp = 'dept'
                                            GROUP BY
                                                    bu_id,
                                                    dept_id_1,
                                                    dept_id_2,
                                                    lower(trim(unif_user_log_acct)) grouping sets((bu_id,
dept_id_1, dept_id_2, lower(trim(unif_user_log_acct))),(bu_id, dept_id_1, lower(trim(unif_user_log_acct))),
(bu_id, lower(trim(unif_user_log_acct))))
                                        )
                                        t1
                                WHERE
                                        min_dt1 BETWEEN ${hiveconf:qn_begin} AND ${hiveconf:qn_end}
                                        OR min_dt1 BETWEEN ${hiveconf:jn_begin} AND ${hiveconf:jn_end}
                                GROUP BY
                                        bu_id,
                                        dept_id_1,
                                        dept_id_2,
                                        user_log_acct,
                                        min_dt1
                        )
                        t1
                ON
                        m.user_log_acct = t1.user_log_acct
                        AND m.bu_id = t1.bu_id
                        AND m.dept_id_1 = t1.dept_id_1
                        AND m.dept_id_2 = t1.dept_id_2
                        AND m.sale_ord_dt = t1.min_dt1
                LEFT JOIN
                        (
                                SELECT
                                        lower(trim(unif_user_log_acct)) user_log_acct,
                                        spite_user_flag
                                FROM
                                        app.app_adm_s01_user_new_or_old_flag_detail_dsc_mid
                                WHERE
                                        dt = sysdate( - 2)
                                        AND spite_user_flag = 1
                                        AND tp = 'dept'
                                GROUP BY
                                        lower(trim(unif_user_log_acct)),
                                        spite_user_flag
                        )
                        c
                ON
                        m.user_log_acct = c.user_log_acct
                GROUP BY
                        DATE,
                        min_halfhour,
                        IF(spite_user_flag IS NULL, '', ''),
                        first_biz,
                        m.bu_id,
                        m.bu_name,
                        m.dept_id_1,
                        m.dept_name_1,
                        m.dept_id_2,
                        m.dept_name_2,
                        CASE fst_all_yn
```

```
                                        WHEN '1'
                                        THEN ''
                                        WHEN '0'
                                        THEN ''
                                        ELSE ''
                                END grouping sets((DATE, min_halfhour, IF(spite_user_flag IS NULL, '', ''), first_biz,
m.bu_id, m.bu_name, m.dept_id_1, m.dept_name_1, m.dept_id_2, m.dept_name_2,
                                CASE fst_all_yn
                                        WHEN '1'
                                        THEN ''
                                        WHEN '0'
                                        THEN ''
                                        ELSE ''
                                END),(DATE, min_halfhour, IF(spite_user_flag IS NULL, '', ''), m.bu_id, m.bu_name, m.
dept_id_1, m.dept_name_1, m.dept_id_2, m.dept_name_2,
                                CASE fst_all_yn
                                        WHEN '1'
                                        THEN ''
                                        WHEN '0'
                                        THEN ''
                                        ELSE ''
                                END))
        )
SELECT
        DATE,
        min_halfhour,
        spite_user_flag,
        first_biz,
        bu_id,
        bu_name,
        dept_id_1,
        dept_name_1,
        dept_id_2,
        dept_name_2,
        '' user_type,
        SUM(users) users
FROM
        sw_cundang_192021
GROUP BY
        DATE,
        min_halfhour,
        spite_user_flag,
        first_biz,
        bu_id,
        bu_name,
        dept_id_1,
        dept_name_1,
        dept_id_2,
        dept_name_2

UNION ALL

SELECT * FROM sw_cundang_192021;
```

3）年货节元旦农历和阳历by小时流量

```
SET hive.merge.mapfiles = true;
SET hive.merge.mapredfiles = true;
SET hive.merge.size.per.task = 256000000;
SET hive.merge.smallfiles.avgsize = 256000000;
SET spark.sql.hive.mergeFiles = true;
SET hive.exec.parallel = true;
SET hive.exec.reducers.bytes.per.reducer = 2000000000;
SET hive.map.aggr = true;
SET hive.groupby.mapaggr.checkinterval = 100000;
SET hive.auto.convert.join = true;
WITH
        ta AS
        (
```

```sql
SELECT
        dt,
        concat(lpad(SUBSTR(request_tm_min, 12, 2), 2, 0), lpad(floor(SUBSTR(request_tm_min, 15,
2) / 30) * 30, 2, 0)) hoursplit,
        bu_id,
        bu_name,
        COALESCE(dept_id_1, bu_id) dept_id_1,
        COALESCE(dept_name_1, bu_name) dept_name_1,
        COALESCE(dept_id_2, dept_id_1, bu_id) dept_id_2,
        COALESCE(dept_name_2, dept_name_1, bu_name) dept_name_2,
        COUNT(DISTINCT browser_uniq_id) AS UV
FROM
        (
                SELECT
                        b.bu_id,
                        b.bu_name,
                        b.dept_id_1,
                        b.dept_name_1,
                        b.dept_id_2,
                        b.dept_name_2,
                        browser_uniq_id,
                        a.dt,
                        MIN(request_tm) request_tm_min
                FROM
                        adm.adm_sch_d14_traffic_plat_item_di a
                JOIN
                        (
                                SELECT
                                        bu_id,
                                        bu_name,
                                        dept_id_1,
                                        dept_name_1,
                                        dept_id_2,
                                        dept_name_2,
                                        --dept_id_3,
                                        --dept_name_3,
                                        (
                                                CASE
                                                        WHEN data_type = 1
                                                        THEN ''
                                                        WHEN data_type = 3
                                                        THEN 'pop'
                                                END) MODE,
                                        item_sku_id
                                FROM
                                        gdm.gdm_m03_sold_item_sku_da
                                WHERE
                                        dt = sysdate( - 1)
                                        AND bu_id = 1727
                        )
                        b
                ON
                        a.real_sku_id = b.item_sku_id
                WHERE
                        (
                                dt BETWEEN '2020-12-31' AND '2021-01-02'
                                OR dt BETWEEN '2021-01-10' AND '2021-01-12'
                        )
                        AND
                        (
                                (
                                        request_tm >= '2020-12-31 20:00:00.0'
                                        AND request_tm < '2021-01-03 00:00:00.0'
                                )
                                OR
                                (
                                        request_tm >= '2021-01-10 20:00:00.0'
                                        AND request_tm < '2021-01-13 00:00:00.0'
                                )
                        )
                        -- and  blacklist_flag='0'
```

```sql
                                                AND ge_sku_flag = 1
                                GROUP BY
                                                b.bu_id,
                                                b.bu_name,
                                                b.dept_id_1,
                                                b.dept_name_1,
                                                b.dept_id_2,
                                                b.dept_name_2,
                                                browser_uniq_id,
                                                a.dt grouping sets((b.bu_id, b.bu_name, b.dept_id_1, b.dept_name_1, b.
dept_id_2, b.dept_name_2, browser_uniq_id, a.dt),(b.bu_id, b.bu_name, b.dept_id_1, b.dept_name_1,
browser_uniq_id, a.dt),(b.bu_id, b.bu_name, browser_uniq_id, a.dt))
                                )
                                aa
                GROUP BY
                                dt,
                                concat(lpad(SUBSTR(request_tm_min, 12, 2), 2, 0), lpad(floor(SUBSTR(request_tm_min, 15,
2) / 30) * 30, 2, 0)),
                                bu_id,
                                bu_name,
                                dept_id_1,
                                dept_name_1,
                                dept_id_2,
                                dept_name_2
        )
        ,
        tb AS
        (
                SELECT
                                a.dt,
                                concat(lpad(SUBSTR(request_tm, 12, 2), 2, 0), lpad(floor(SUBSTR(request_tm, 15, 2) /
30) * 30, 2, 0)) hoursplit,
                                b.bu_id,
                                b.bu_name,
                                COALESCE(b.dept_id_1, b.bu_id) dept_id_1,
                                COALESCE(b.dept_name_1, b.bu_name) dept_name_1,
                                COALESCE(b.dept_id_2, b.dept_id_1, b.bu_id) dept_id_2,
                                COALESCE(b.dept_name_2, b.dept_name_1, b.bu_name) dept_name_2,
                                COUNT(a.browser_uniq_id) AS PV
                FROM
                                adm.adm_sch_d14_traffic_plat_item_di a
                JOIN
                                (
                                        SELECT
                                                        bu_id,
                                                        bu_name,
                                                        dept_id_1,
                                                        dept_name_1,
                                                        dept_id_2,
                                                        dept_name_2,
                                                        --dept_id_3,
                                                        --dept_name_3,
                                                        (
                                                                        CASE
                                                                                        WHEN data_type = 1
                                                                                        THEN ''
                                                                                        WHEN data_type = 3
                                                                                        THEN 'pop'
                                                                        END) MODE,
                                                        item_sku_id
                                        FROM
                                                        gdm.gdm_m03_sold_item_sku_da
                                        WHERE
                                                        dt = sysdate( - 1)
                                                        AND bu_id = 1727
                                )
                                b
                ON
                                a.real_sku_id = b.item_sku_id
                WHERE
                                (
```

```
                        dt BETWEEN '2020-12-31' AND '2021-01-02'
                        OR dt BETWEEN '2021-01-10' AND '2021-01-12'
                    )
                    AND
                    (
                        (
                                request_tm >= '2020-12-31 20:00:00.0'
                                AND request_tm < '2021-01-03 00:00:00.0'
                        )
                        OR
                        (
                                request_tm >= '2021-01-10 20:00:00.0'
                                AND request_tm < '2021-01-13 00:00:00.0'
                        )
                    )
                    -- and  blacklist_flag='0'
                    AND ge_sku_flag = 1
            GROUP BY
                    a.dt,
                    concat(lpad(SUBSTR(request_tm, 12, 2), 2, 0), lpad(floor(SUBSTR(request_tm, 15, 2) /
30) * 30, 2, 0)),
                    b.bu_id,
                    b.bu_name,
                    b.dept_id_1,
                    b.dept_name_1,
                    b.dept_id_2,
                    b.dept_name_2 grouping sets((a.dt, concat(lpad(SUBSTR(request_tm, 12, 2), 2, 0), lpad
(floor(SUBSTR(request_tm, 15, 2) / 30) * 30, 2, 0)), b.bu_id, b.bu_name, b.dept_id_1, b.dept_name_1, b.
dept_id_2, b.dept_name_2),(a.dt, concat(lpad(SUBSTR(request_tm, 12, 2), 2, 0), lpad(floor(SUBSTR(request_tm,
15, 2) / 30) * 30, 2, 0)), b.bu_id, b.bu_name, b.dept_id_1, b.dept_name_1),(a.dt, concat(lpad(SUBSTR
(request_tm, 12, 2), 2, 0), lpad(floor(SUBSTR(request_tm, 15, 2) / 30) * 30, 2, 0)), b.bu_id,
                    b.bu_name))
        )
SELECT
        ta.*,
        tb.PV
FROM
        ta
LEFT JOIN tb
ON
        ta.bu_id = tb.bu_id
        AND ta.dept_id_1 = tb.dept_id_1
        AND ta.dept_id_2 = tb.dept_id_2
        AND ta.dt = tb.dt
        AND ta.hoursplit = tb.hoursplit
```

4）CPS小时级数据

```
SELECT
        to_date(ord_deal_tm) ,
        concat(lpad(SUBSTR(ord_deal_tm, 12, 2), 2, 0), lpad(floor(SUBSTR(ord_deal_tm, 15, 2) / 30) * 30, 2, 0))
,
        b.bu_name,
        b.dept_name_1,
        b.dept_name_2,
        COUNT(DISTINCT
        CASE
                WHEN deal_flag = '1'
                THEN parent_sale_ord_id
                ELSE NULL
        END) AS ,
        SUM(
                CASE
                        WHEN deal_flag = '1'
                        THEN after_prefr_amount_1
                        ELSE 0.0
                END) AS ,
        SUM(
                CASE
```

```sql
                        WHEN valid_deal_flag = '1'
                        THEN yg_cos_fee
                        ELSE 0.0
                END) AS ,
        SUM(
                CASE
                        WHEN valid_deal_flag = '1'
                        THEN yg_cos_price
                        ELSE 0.0
                END) AS
FROM
        app.v_adm_sch_d06_ad_union_order_di_dsc a
JOIN
        (
                SELECT
                        bu_id,
                        bu_name,
                        dept_id_1,
                        dept_name_1,
                        dept_id_2,
                        dept_name_2,
                        --dept_id_3,
                        --dept_name_3,
                        (
                                CASE
                                        WHEN data_type = 1
                                        THEN ''
                                        WHEN data_type = 3
                                        THEN 'pop'
                                END) MODE,
                        item_sku_id
                FROM
                        gdm.gdm_m03_sold_item_sku_da
                WHERE
                        dt = sysdate( - 1)
                        AND bu_id = 1727
        and dept_id_1=33
        )
        b
ON
        a.sku_id = b.item_sku_id
WHERE
        dt IN('2021-01-20','2022-01-09')
        AND
        (
                ord_deal_tm >= '2021-01-20 00:00:00.0'
                AND ord_deal_tm < '2021-01-20 10:00:00.0'
                OR ord_deal_tm >= '2022-01-09 20:00:00.0'
                AND ord_deal_tm < '2022-01-10 00:00:00.0'
        )
GROUP BY
        to_date(ord_deal_tm),
        concat(lpad(SUBSTR(ord_deal_tm, 12, 2), 2, 0), lpad(floor(SUBSTR(ord_deal_tm, 15, 2) / 30) * 30, 2, 0)),
        b.bu_name,
        b.dept_name_1,
        b.dept_name_2 grouping sets((to_date(ord_deal_tm), concat(lpad(SUBSTR(ord_deal_tm, 12, 2), 2, 0), lpad
(floor(SUBSTR(ord_deal_tm, 15, 2) / 30) * 30, 2, 0)), b.bu_name, b.dept_name_1, b.dept_name_2),(to_date
(ord_deal_tm), concat(lpad(SUBSTR(ord_deal_tm, 12, 2), 2, 0), lpad(floor(SUBSTR(ord_deal_tm, 15, 2) / 30) * 30,
2, 0)), b.bu_name, b.dept_name_1),(to_date(ord_deal_tm), concat(lpad(SUBSTR(ord_deal_tm, 12, 2), 2, 0), lpad
(floor(SUBSTR(ord_deal_tm, 15, 2) / 30) * 30, 2, 0)), b.bu_name))
```

数据口径：订单口径为新版bc分离，流量口径对齐黄金眼

常见用途：小时级数据分析 、大促实时战报离线错峰数据

逻辑说明：分小时的用户数据以统计周期内每个用户最早成交时间划分小时段（忽略累计28H中晚8与次日重复的用户），成交金额以成交时间划分小时段，流量PV、UV逻辑同成交金额、用户

5）小时级数据，流量、用户、成交金额汇总版

```
SET jn_begin = '2021-02-11' ;
SET jn_end = '2021-02-12' ;
-- SET qn_begin = '2021-02-03';
-- SET qn_end = '2021-02-04' ;
SET spark.sql.hive.mergeFiles = true;
SET spark.sql.viewPermission.enabled = true;
SET spark.sql.parser.quotedRegexColumnNames = false;
--
-- Map  True
SET hive.merge.mapfiles = true;
-- Reduce  False
SET hive.merge.mapredfiles = true;
--
SET hive.merge.size.per.task = 256000000;
--map-reducemerge
SET hive.merge.smallfiles.avgsize = 256000000;
-- spark
SET spark.sql.hive.mergeFiles = true;
SET hive.exec.parallel = true;
--Reduce
SET hive.exec.reducers.bytes.per.reducer = 2000000000;
--
SET hive.map.aggr = true;
SET hive.groupby.mapaggr.checkinterval = 100000;
SET hive.auto.convert.join = true;
WITH
        amount_d AS
        (
                SELECT
                        DATE,
                        ord_deal_tm_1hour_seg,
                        IF(spite_user_flag IS NULL, '', '') spite_user_flag,
                        first_biz,
                        m.bu_id,
                        m.bu_name,
                        m.dept_id_1,
                        m.dept_name_1,
                        m.dept_id_2,
                        m.dept_name_2,
                        SUM(m.sale_amount) amount
                FROM
                        (
                                SELECT
                                        DATE,
                                        ord_deal_tm_1hour_seg,
                                        --MIN(a.sale_ord_dt) sale_ord_dt,
                                        user_log_acct,
                                        COALESCE(first_biz, '') first_biz,
                                        bu_id,
                                        bu_name,
                                        COALESCE(dept_id_1, bu_id) dept_id_1,
                                        COALESCE(dept_name_1, bu_name) dept_name_1,
                                        COALESCE(dept_id_2, dept_id_1, bu_id) dept_id_2,
                                        COALESCE(dept_name_2, dept_name_1, bu_name) dept_name_2,
                                        COUNT(DISTINCT a.sale_ord_id) ord_num,
                                        COUNT(DISTINCT a.parent_sale_ord_id) par_ord_num,
                                        SUM(after_prefr_amount_1) sale_amount,
                                        SUM(sale_qtty) sale_qtty
                                FROM
                                        (
                                                SELECT
                                                        DATE,
                                                        ord_deal_tm_1hour_seg,
                                                        COALESCE(d.user_log_acct, a.user_log_acct)
user_log_acct,
                                                        a.item_sku_id,
                                                        a.sale_ord_id,
                                                        a.parent_sale_ord_id,
```

```sql
                                                    after_prefr_amount_1,
                                                    sale_qtty
                                        FROM
                                            (
                                    SELECT
                                            dt period,
                                            SUBSTR(dt, 1, 10) DATE,
                                            ord_deal_tm_1hour_seg,
                                            item_sku_id,
                                            lower(trim(user_log_acct))
user_log_acct,
                                            sale_ord_id,
                                            parent_sale_ord_id,
                                            after_prefr_amount_1,
                                            sale_qtty
                                    FROM
                                        app.
v_adm_d04_trade_ord_det_sku_snapshot_dsc
                                    WHERE
                                        (
                                            -- dt BETWEEN ${hiveconf:
qn_begin} AND ${hiveconf:qn_end}
                                            --   OR --
                                            dt BETWEEN ${hiveconf:jn_begin}
AND ${hiveconf:jn_end} --
                                        )
                                        AND
                                        (
                                            (
                                                    ord_deal_tm >= '2021-02-
11 00:00:00.0'
                                                    AND ord_deal_tm < '2021-
02-13 00:00:00.0'
                                            )
                                            --   OR
                                            --   (
                                            --     ord_deal_tm >= '2021-02-
03 20:00:00.0'
                                            --     AND ord_deal_tm < '2021-
02-05 00:00:00.0'
                                            --   )
                                        )
                                        AND intraday_ord_deal_flag = '1' ----
                                        AND biz_flag_collect
['int_pur_ord_flag'] <> 1 ----
                                        AND NOT -----
                                        (
                                            (
                                                    SUBSTR(sale_ord_tm, 1,
7) = '2019-09'
                                                    AND item_sku_id IN
('48464949580', '30870620253', '57774409900', '55706494208', '26818119384', '54667186647', '53136309235')
                                                    AND
after_prefr_amount_1 = 0
                                            )
                                            OR
                                            (
                                                    SUBSTR(sale_ord_tm, 1,
7) = '2019-10'
                                                    AND item_sku_id IN
('59256483010', '59923134353', '59808372547', '25567537480', '17638139051', '53566357856', '60079540391',
'31263465720', '59764684496', '31462151012', '55706494208', '26818119384')
                                                    AND
after_prefr_amount_1 = 0
                                            )
                                            OR
                                            (
                                                    SUBSTR(sale_ord_tm, 1,
7) = '2019-11'
                                                    AND item_sku_id IN
('59808372547', '31263465720', '57831018938', '60079540391', '17638139051', '25567537480', '53566357856',
```

```
'31462151012', '61131141710', '55706494208', '59706386696', '59256483010', '59923134353')
                                                                        AND
after_prefr_amount_1 = 0
                                                                    )
                                                                    OR
                                                                    (
                                                                        SUBSTR(sale_ord_tm, 1,
7) = '2019-12'
                                                                        AND item_sku_id IN
('31462151012', '25567537480', '17638139051', '61131141710', '60079540391', '59923134353', '59706386696',
'59256483010', '59808372547', '63286732760', '31253816513', '64070058868')
                                                                        AND
after_prefr_amount_1 = 0
                                                                    )
                                                                    OR
                                                                    (
                                                                        SUBSTR(sale_ord_tm, 1,
7) = '2020-01'
                                                                        AND item_sku_id IN
('65022686872', '64996853576', '64480689843', '65239218998', '22779898023', '65097923242', '65184261843',
'59706386696', '65402777116', '59256483010', '17638139051', '56737544720', '60085547354', '65390940638',
'63286732760', '25567537480', '31462151012', '65400485921', '31253816513', '65237861210', '63582299301',
'31253816513', '59923134353', '65371773259', '59808372547', '65237861210', '65413081358', '64070058868',
'65237389447', '65389757945', '19890090318',
                                                                                        '65414863984',
'64524169693')
                                                                        AND
after_prefr_amount_1 = 0
                                                                    )
                                                                    OR
                                                                    (
                                                                        SUBSTR(sale_ord_tm, 1,
7) = '2020-02'
                                                                        AND item_sku_id IN
('64480689843', '65239218998', '64998713624', '22779898023', '65097923242', '65184261843', '65181662155',
'59706386696', '65402777116', '59256483010', '17638139051', '56737544720', '60085547354', '63286732760',
'65390940638', '25567537480', '31462151012', '65400485921', '31253816513', '65237861210', '63582299301',
'31253816513', '59923134353', '65371773259', '59808372547', '65237861210', '65413081358', '64070058868',
'65237389447', '65389757945', '19890090318',
                                                                                        '65414863984',
'64524169693', '65654218318', '65181329060', '65184669035')
                                                                        AND
after_prefr_amount_1 = 0
                                                                    )
                                                                    OR
                                                                    (
                                                                        SUBSTR(sale_ord_tm, 1,
7) = '2020-03'
                                                                        AND sale_ord_tm >=
'2020-03-17'
                                                                        AND item_sku_id IN
('66269141140', '15927724967', '66105918256', '62771580667', '66105251687', '66268657319', '66102311556',
'66598010366', '66609180202', '57680664816', '66598410030', '66609165002', '66105327888', '65005418820',
'66105424016', '66362379923', '62993053466')
                                                                        AND
user_payable_pay_amount <= 0.01
                                                                    )
                                                                    OR
                                                                    (
                                                                        SUBSTR(sale_ord_tm, 1,
7) = '2020-03'
                                                                        AND sale_ord_tm < '2020-
03-17'
                                                                        AND item_sku_id IN
('65885203603', '64998713624', '65414863984', '59256483010', '65402777116', '65181662155', '60085547354',
'65390940638', '31253816513', '65371773259', '65237861210', '65389757945', '64524169693', '65654218318',
'65184669035', '65576613217')
                                                                        AND
after_prefr_amount_1 = 0
                                                                    )
                                                                    OR
```

```
                                                                                    (
                                                                      SUBSTR(sale_ord_tm, 1,
7) >= '2020-04'
                                                                      AND item_sku_id IN
('100008320133', '66338893949', '100008320101', '100014840590', '100008285335', '100014840538', '100014805262',
'100008715519', '54150835358', '10021790350993', '100008715517', '100008715531', '10024281476710',
'10022454850185', '10024024303767', '66269141140', '15927724967', '66105918256', '62771580667', '66105251687',
'66268657319', '66102311556', '66598010366', '66609180202', '57680664816', '66598410030', '66609165002',
'66105327888', '65005418820', '66105424016'
                                                                      , '66362379923',
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'10023316835939', '10023107745890',
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'10025914690760', '10026063926672', '10024195924321', '72294035450', '10026055913444', '10025886155711',
'10026025702049', '10026053725142', '10026327282984', '10026327323290', '10025881353120', '10024082770999',
'72326756413', '10026005452613', '10023777111028', '10026209639119', '10026428293589', '10026428259499',
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                                                                      '10027028393785',
'10027081610521', '10027096999067', '10026354750168', '69539953705', '10027031810710', '10024727917785',
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'66105918256', '62771580667', '66105251687', '66268657319', '66102311556', '66598010366', '66609180202',
'57680664816', '66598410030', '66609165002', '66105327888', '65005418820', '66105424016', '66362379923',
'62993053466', '67412926483', '66328146637',
                                                                      '68008845337',
'43826345978', '67825871315', '25598066668', '67101867847', '67106425943', '48467931365', '67655565958',
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'69044897408', '69048096629', '69047764658', '69045517007', '69042751685', '69046067963', '69044459545',
'100007256531', '53060220721', '54381038018', '69359356607', '69824809581', '70893068274', '70877597642',
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'10021678717408', '10021507033398', '10021714249680', '71212971877', '10022241535542', '10022218360472',
'10023316835939', '10023107745890',
                                                                      '10023104201537',
'10023181640838', '10023008602436', '10023435227132', '10023997986591', '10024547643180', '10024505357224',
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'10024756899368', '10027028393785',
                                                                      '10027081610521',
'10027096999067', '10026870014876', '71488048849', '10027897421014', '10028094517366', '7749433',
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'10030696735077', '10030697367205', '10030677095346', '10030697272949', '10030727829154', '10030882373042',
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'10032663557655', '10033847882923', '10034082006803',
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'10032831738912', '10035093813329', '10030020017118', '10034634607416', '42746213112', '10026516439686',
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'10036488432071', '10032914026904', '10038264546848',
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'10034460125576', '67885792656', '10033444830004', '10020484219504', '10034275768273', '10036368812686',
```

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'10035704510352', '10037539434815', '44640506741', '71824021312', '57669709583', '54538166825',
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'10036853013064', '10029772527959', '10025871482298', '44601583614', '10038440233892', '10031533363654',
'46551224271', '10023602457777', '28675451965', '21125245601', '10030567861983', '10036018370251',
'10037092468016', '23920758124', '62620103946', '64996853576', '67836564055', '10037765822985',
'10036336025959', '10032141746572', '10022090390392', '65272238290',
                                                                          '10038607180811',
'10039644849554', '10032291415415', '10035610606941', '71440495812', '10036768328440', '68514358863',
'10314658392', '10037674340462', '69064676001', '10037276844965', '10038437078287', '16240163296',
'10020858055849', '10138601012', '`10035879080832', '34673384103', '10039173136768', '38118199493',
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'10037151128595', '65257123126', '10037729514801',
                                                                          '70370054474',
'40805011266', '29595281988', '`'10022827289156', '41256285933', '55332108747', '10033267037670',
'62203174503', '10033783961117', '26931267834', '`'10039530144074', '10025761981117', '10024856009629',
'26806202217', '10032740886675', '10037452028615', '10038843926576', '19579574388', '10035373561436',
'10036850002795', '10036444848875', '10037155997530', '72295188633', '10037586688036', '10036094516851',
'10026840354838', '10034294566326', '10036096528383',
                                                                          '72326756413',
'10037792292411')
                                                                          AND
user_payable_pay_amount <= 0.01
                                                                   )
                                                               )
                                                           )
                                                           a
                                           LEFT JOIN
                                                   (
                                                           SELECT
                                                                   lower(trim(user_pin)) pin,
                                                                   lower(trim(unify_user_pin))
user_log_acct,
                                                                   is_unify_pin_valid
                                                           FROM
                                                                   app.app_unify_user_validity_da
                                                           WHERE
                                                                   dt = sysdate( - 2)
                                                           GROUP BY
                                                                   lower(trim(user_pin)),
                                                                   lower(trim(unify_user_pin)),
                                                                   is_unify_pin_valid
                                                   ) ----pin
                                                   d
                                           ON
                                                   a.user_log_acct = d.pin
                                           GROUP BY
                                                   DATE,
                                                   ord_deal_tm_1hour_seg,
                                                   COALESCE(d.user_log_acct, a.user_log_acct),
                                                   a.item_sku_id,
                                                   a.sale_ord_id,
                                                   a.parent_sale_ord_id,
                                                   after_prefr_amount_1,
                                                   sale_qtty
                                   )
                                   a
                           JOIN
                                   (
                                           SELECT
                                                   bu_id,
                                                   bu_name,
                                                   dept_id_1,
                                                   dept_name_1,
                                                   dept_id_2,
                                                   dept_name_2,
                                                   --dept_id_3,
                                                   --dept_name_3,
```

```sql
                                        item_sku_id
                        FROM
                                gdm.gdm_m03_sold_item_sku_da
                        WHERE
                                dt = sysdate( - 1)
                                AND bu_id = 1727
                                AND brand_code NOT IN('140289') ----
                )
                b
        ON
                a.item_sku_id = b.item_sku_id
        LEFT JOIN
                (
                        SELECT
                                item_sku_id, ------BC
                                sale_ord_id,
                                first_biz,
                                scnd_biz,
                                third_biz
                        FROM
                                app.app_adm_d04_trade_ord_bc_classify_di_dsc_mid
                        WHERE
                                (
                                        -- dt BETWEEN date_sub(${hiveconf:qn_begin},
90) AND ${hiveconf:qn_end}

                                        -- OR--
                                        dt BETWEEN date_sub(${hiveconf:jn_begin}, 90)
AND ${hiveconf:jn_end} --
                                )
                                AND valid_flag = '1'
                        GROUP BY
                                item_sku_id,
                                sale_ord_id,
                                first_biz,
                                scnd_biz,
                                third_biz
                )
                c
        ON
                a.sale_ord_id = c.sale_ord_id
                AND a.item_sku_id = c.item_sku_id
        GROUP BY
                DATE,
                ord_deal_tm_1hour_seg,
                COALESCE(first_biz, ''),
                user_log_acct,
                bu_id,
                bu_name,
                dept_id_1,
                dept_name_1,
                dept_id_2,
                dept_name_2 grouping sets((DATE, ord_deal_tm_1hour_seg, COALESCE
(first_biz, ''), user_log_acct, bu_id, bu_name),(DATE, ord_deal_tm_1hour_seg, COALESCE(first_biz, ''),
user_log_acct, bu_id, bu_name, dept_id_1, dept_name_1),(DATE, ord_deal_tm_1hour_seg, COALESCE(first_biz, ''),
user_log_acct, bu_id, bu_name, dept_id_1, dept_name_1, dept_id_2, dept_name_2))
                )
                m
        LEFT JOIN
                (
                        SELECT
                                lower(trim(unif_user_log_acct)) user_log_acct,
                                spite_user_flag
                        FROM
                                app.app_adm_s01_user_new_or_old_flag_detail_dsc_mid
                        WHERE
                                dt = sysdate( - 1)
                                AND spite_user_flag = 1
                                AND tp = 'dept'
                        GROUP BY
                                lower(trim(unif_user_log_acct)),
                                spite_user_flag
```

```
                )
                c
        ON
                m.user_log_acct = c.user_log_acct
        GROUP BY
                DATE,
                ord_deal_tm_1hour_seg,
                IF(spite_user_flag IS NULL, '', ''),
                first_biz,
                m.bu_id,
                m.bu_name,
                m.dept_id_1,
                m.dept_name_1,
                m.dept_id_2,
                m.dept_name_2
)
,
amount_s AS
(
        SELECT
                DATE,
                ord_deal_tm_1hour_seg,
                bu_id,
                bu_name,
                dept_id_1,
                dept_name_1,
                dept_id_2,
                dept_name_2,
                SUM(amount) amount
        FROM
                amount_d
        GROUP BY
                DATE,
                ord_deal_tm_1hour_seg,
                bu_id,
                bu_name,
                dept_id_1,
                dept_name_1,
                dept_id_2,
                dept_name_2
)
,
ta AS
(
        SELECT
                dt,
                request_tm_h hoursplit,
                bu_id,
                bu_name,
                COALESCE(dept_id_1, bu_id) dept_id_1,
                COALESCE(dept_name_1, bu_name) dept_name_1,
                COALESCE(dept_id_2, dept_id_1, bu_id) dept_id_2,
                COALESCE(dept_name_2, dept_name_1, bu_name) dept_name_2,
                COUNT(DISTINCT browser_uniq_id) AS UV
        FROM
                (
                        SELECT
                                b.bu_id,
                                b.bu_name,
                                b.dept_id_1,
                                b.dept_name_1,
                                b.dept_id_2,
                                b.dept_name_2,
                                browser_uniq_id,
                                a.dt,
                                MIN(request_tm_h) request_tm_h
                        FROM
                                adm.adm_sch_d14_traffic_plat_item_di a
                        JOIN
                                (
                                        SELECT
```

```sql
                                                    bu_id,
                                                    bu_name,
                                                    dept_id_1,
                                                    dept_name_1,
                                                    dept_id_2,
                                                    dept_name_2,
                                                    --dept_id_3,
                                                    --dept_name_3,
                                                    (
                                                            CASE
                                                                    WHEN data_type = 1
                                                                    THEN ''
                                                                    WHEN data_type = 3
                                                                    THEN 'pop'
                                                            END) MODE,
                                                    item_sku_id
                                        FROM
                                                    gdm.gdm_m03_sold_item_sku_da
                                        WHERE
                                                    dt = sysdate( - 1)
                                                    AND bu_id = 1727
                                )
                                b
                        ON
                                a.real_sku_id = b.item_sku_id
                        WHERE
                                (
--                                      dt BETWEEN ${hiveconf:qn_begin} AND ${hiveconf:qn_end}
--                                          OR --
                                        dt BETWEEN ${hiveconf:jn_begin} AND ${hiveconf:jn_end} --
                                )
                                AND
                                (
                                        (
                                                request_tm >= '2021-02-11 00:00:00.0'
                                                AND request_tm < '2021-02-13 00:00:00.0' --
                                        )
                                        --   OR
                                        --   (
                                        --    request_tm >= '2021-02-03 20:00:00.0'
                                        --    AND request_tm < '2021-02-05 00:00:00.0'
                                        --   )
                                )
                                -- and  blacklist_flag='0'
                                AND ge_sku_flag = 1
                        GROUP BY
                                b.bu_id,
                                b.bu_name,
                                b.dept_id_1,
                                b.dept_name_1,
                                b.dept_id_2,
                                b.dept_name_2,
                                browser_uniq_id,
                                a.dt grouping sets((b.bu_id, b.bu_name, b.dept_id_1, b.dept_name_1, b.
dept_id_2, b.dept_name_2, browser_uniq_id, a.dt),(b.bu_id, b.bu_name, b.dept_id_1, b.dept_name_1,
browser_uniq_id, a.dt),(b.bu_id, b.bu_name, browser_uniq_id, a.dt))
                        )
                        aa
            GROUP BY
                        dt,
                        request_tm_h,
                        bu_id,
                        bu_name,
                        dept_id_1,
                        dept_name_1,
                        dept_id_2,
                        dept_name_2
        )
        ,
        tb AS
        (
```

```sql
SELECT
        a.dt,
        request_tm_h hoursplit,
        b.bu_id,
        b.bu_name,
        COALESCE(b.dept_id_1, b.bu_id) dept_id_1,
        COALESCE(b.dept_name_1, b.bu_name) dept_name_1,
        COALESCE(b.dept_id_2, b.dept_id_1, b.bu_id) dept_id_2,
        COALESCE(b.dept_name_2, b.dept_name_1, b.bu_name) dept_name_2,
        COUNT(a.browser_uniq_id) AS PV
FROM
        adm.adm_sch_d14_traffic_plat_item_di a
JOIN
        (
                SELECT
                        bu_id,
                        bu_name,
                        dept_id_1,
                        dept_name_1,
                        dept_id_2,
                        dept_name_2,
                        --dept_id_3,
                        --dept_name_3,
                        (
                                CASE
                                        WHEN data_type = 1
                                        THEN ''
                                        WHEN data_type = 3
                                        THEN 'pop'
                                END) MODE,
                        item_sku_id
                FROM
                        gdm.gdm_m03_sold_item_sku_da
                WHERE
                        dt = sysdate( - 1)
                        AND bu_id = 1727
        )
        b
ON
        a.real_sku_id = b.item_sku_id
WHERE
        (
                -- dt BETWEEN ${hiveconf:qn_begin} AND ${hiveconf:qn_end}
                --   OR --
                dt BETWEEN ${hiveconf:jn_begin} AND ${hiveconf:jn_end} --
        )
        AND
        (
                (
                        request_tm >= '2021-02-11 00:00:00.0'
                        AND request_tm < '2021-02-13 00:00:00.0' --
                )
                -- OR
                -- (
                --   request_tm >= '2021-02-03 20:00:00.0'
                --   AND request_tm < '2021-02-05 00:00:00.0'
                -- )
        )
        -- and  blacklist_flag='0'
        AND ge_sku_flag = 1
GROUP BY
        a.dt,
        request_tm_h,
        b.bu_id,
        b.bu_name,
        b.dept_id_1,
        b.dept_name_1,
        b.dept_id_2,
        b.dept_name_2 grouping sets((a.dt, request_tm_h, b.bu_id, b.bu_name, b.dept_id_1, b.
dept_name_1, b.dept_id_2, b.dept_name_2),(a.dt, request_tm_h, b.bu_id, b.bu_name, b.dept_id_1, b.dept_name_1),
(a.dt, request_tm_h, b.bu_id, b.bu_name))
```

```
        )
        ,
        uv_s AS
        (
                SELECT
                        ta.*,
                        tb.PV
                FROM
                        ta
                LEFT JOIN tb
                ON
                        ta.bu_id = tb.bu_id
                        AND ta.dept_id_1 = tb.dept_id_1
                        AND ta.dept_id_2 = tb.dept_id_2
                        AND ta.dt = tb.dt
                        AND ta.hoursplit = tb.hoursplit
        )
        ,
        user_d AS
        (
                SELECT
                        DATE,
                        min_halfhour,
                        IF(spite_user_flag IS NULL, '', '') spite_user_flag,
                        COALESCE(first_biz, '') first_biz,
                        m.bu_id,
                        m.bu_name,
                        m.dept_id_1,
                        m.dept_name_1,
                        m.dept_id_2,
                        m.dept_name_2,
                        CASE fst_all_yn
                                WHEN '1'
                                THEN ''
                                WHEN '0'
                                THEN ''
                                ELSE ''
                        END user_type,
                        COUNT(DISTINCT m.user_log_acct) users
                FROM
                        (
                                SELECT
                                        DATE,
                                        MIN(halfhour) min_halfhour,
                                        sale_ord_dt,
                                        user_log_acct,
                                        COALESCE(first_biz, '') first_biz,
                                        bu_id,
                                        bu_name,
                                        COALESCE(dept_id_1, bu_id) dept_id_1,
                                        COALESCE(dept_name_1, bu_name) dept_name_1,
                                        COALESCE(dept_id_2, dept_id_1, bu_id) dept_id_2,
                                        COALESCE(dept_name_2, dept_name_1, bu_name) dept_name_2,
                                        COUNT(DISTINCT a.sale_ord_id) ord_num,
                                        COUNT(DISTINCT a.parent_sale_ord_id) par_ord_num,
                                        SUM(after_prefr_amount_1) sale_amount,
                                        SUM(sale_qtty) sale_qtty
                                FROM
                                        (
                                                SELECT
                                                        DATE,
                                                        halfhour,
                                                        MIN(sale_ord_dt) sale_ord_dt,
                                                        COALESCE(d.user_log_acct, a.user_log_acct)
user_log_acct,
                                                        a.item_sku_id,
                                                        a.sale_ord_id,
                                                        a.parent_sale_ord_id,
                                                        after_prefr_amount_1,
                                                        sale_qtty
                                                FROM
```

```sql
                                                    (
                                        SELECT
                                                dt,
                                                SUBSTR(dt, 1, 10) DATE,
                                                ord_deal_tm_1hour_seg halfhour, -- 00:
00-01000
                                                SUBSTR(sale_ord_tm, 1, 10) sale_ord_dt,
                                                item_sku_id,
                                                lower(trim(user_log_acct))
user_log_acct,
                                                sale_ord_id,
                                                parent_sale_ord_id,
                                                after_prefr_amount_1,
                                                sale_qtty
                                        FROM
                                                app.
v_adm_d04_trade_ord_det_sku_snapshot_dsc
                                        WHERE
                                                (
                                                        --   dt BETWEEN ${hiveconf:
qn_begin} AND ${hiveconf:qn_end}
                                                        --   OR --
                                                        dt BETWEEN ${hiveconf:jn_begin}
AND ${hiveconf:jn_end} --
                                                )
                                                AND
                                                (
                                                        (
                                                                ord_deal_tm >= '2021-02-
11 00:00:00.0'
                                                                AND ord_deal_tm < '2021-
02-13 00:00:00.0' --
                                                        )
                                                        --   OR
                                                        --   (
                                                        --     ord_deal_tm >= '2021-02-
03 20:00:00.0'
                                                        --     AND ord_deal_tm < '2021-
02-05 00:00:00.0' --
                                                        --   )
                                                )
                                                AND intraday_ord_deal_flag = '1' ----
                                                AND biz_flag_collect
['int_pur_ord_flag'] <> 1 ----
                                                AND NOT -----
                                                (
                                                        (
                                                                SUBSTR(sale_ord_tm, 1,
7) = '2019-09'
                                                                AND item_sku_id IN
('48464949580', '30870620253', '57774409900', '55706494208', '26818119384', '54667186647', '53136309235')
                                                                AND
after_prefr_amount_1 = 0
                                                        )
                                                        OR
                                                        (
                                                                SUBSTR(sale_ord_tm, 1,
7) = '2019-10'
                                                                AND item_sku_id IN
('59256483010', '59923134353', '59808372547', '25567537480', '17638139051', '53566357856', '60079540391',
'31263465720', '59764684496', '31462151012', '55706494208', '26818119384')
                                                                AND
after_prefr_amount_1 = 0
                                                        )
                                                        OR
                                                        (
                                                                SUBSTR(sale_ord_tm, 1,
7) = '2019-11'
                                                                AND item_sku_id IN
('59808372547', '31263465720', '57831018938', '60079540391', '17638139051', '25567537480', '53566357856',
'31462151012', '61131141710', '55706494208', '59706386696', '59256483010', '59923134353')
```

```
                                                                                AND
after_prefr_amount_1 = 0
                                                                            )
                                                                            OR
                                                                            (
                                                                                SUBSTR(sale_ord_tm, 1,
7) = '2019-12'
                                                                                AND item_sku_id IN
('31462151012', '25567537480', '17638139051', '61131141710', '60079540391', '59923134353', '59706386696',
'59256483010', '59808372547', '63286732760', '31253816513', '64070058868')
                                                                                AND
after_prefr_amount_1 = 0
                                                                            )
                                                                            OR
                                                                            (
                                                                                SUBSTR(sale_ord_tm, 1,
7) = '2020-01'
                                                                                AND item_sku_id IN
('65022686872', '64996853576', '64480689843', '65239218998', '22779898023', '65097923242', '65184261843',
'59706386696', '654402777116', '59256483010', '17638139051', '56737544720', '60085547354', '65390940638',
'63286732760', '25567537480', '31462151012', '65400485921', '31253816513', '65237861210', '63582299301',
'31253816513', '59923134353', '65371773259', '59808372547', '65237861210', '65413081358', '64070058868',
'65237389447', '65389757945', '19890090318',
                                                                                '65414863984',
'64524169693')
                                                                                AND
after_prefr_amount_1 = 0
                                                                            )
                                                                            OR
                                                                            (
                                                                                SUBSTR(sale_ord_tm, 1,
7) = '2020-02'
                                                                                AND item_sku_id IN
('64480689843', '65239218998', '64998713624', '22779898023', '65097923242', '65184261843', '65181662155',
'59706386696', '654402777116', '59256483010', '17638139051', '56737544720', '60085547354', '63286732760',
'65390940638', '25567537480', '31462151012', '65400485921', '31253816513', '65237861210', '63582299301',
'31253816513', '59923134353', '65371773259', '59808372547', '65237861210', '65413081358', '64070058868',
'65237389447', '65389757945', '19890090318',
                                                                                '65414863984',
'64524169693', '65654218318', '65181329060', '65184669035')
                                                                                AND
after_prefr_amount_1 = 0
                                                                            )
                                                                            OR
                                                                            (
                                                                                SUBSTR(sale_ord_tm, 1,
7) = '2020-03'
                                                                                AND sale_ord_tm >=
'2020-03-17'
                                                                                AND item_sku_id IN
('66269141140', '15927724967', '66105918256', '62771580667', '66105251687', '66268657319', '66102311556',
'66598010366', '66609180202', '57680664816', '66598410030', '66609165002', '66105327888', '65005418820',
'66105424016', '66362379923', '62993053466')
                                                                                AND
user_payable_pay_amount <= 0.01
                                                                            )
                                                                            OR
                                                                            (
                                                                                SUBSTR(sale_ord_tm, 1,
7) = '2020-03'
                                                                                AND sale_ord_tm < '2020-
03-17'
                                                                                AND item_sku_id IN
('65885203603', '64998713624', '65414863984', '59256483010', '654402777116', '65181662155', '60085547354',
'65390940638', '31253816513', '65371773259', '65237861210', '65389757945', '64524169693', '65654218318',
'65184669035', '65576613217')
                                                                                AND
after_prefr_amount_1 = 0
                                                                            )
                                                                            OR
                                                                            (
```

```sql
                                                              SUBSTR(sale_ord_tm, 1,
7) >= '2020-04'
                                                              AND item_sku_id IN
('100008320133', '66338893949', '100008320101', '100014840590', '100008285335', '100014840538', '100014805262',
'100008715519', '54150835358', '10021790350993', '100008715517', '100008715531', '10024281476710',
'10022454850185', '10024024303767', '66269141140', '15927724967', '66105918256', '62771580667', '66105251687',
'66268657319', '66102311556', '66598010366', '66609180202', '57680664816', '66598410030', '66609165002',
'66105327888', '65005418820', '66105424016'
                                                              , '66362379923',
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                                                              '71841643553',
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'10026025702049', '10026053725142', '10026327282984', '10026327323290', '10025881353120', '10024082770999',
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'10026840354838', '10034294566326', '10036096528383',
                                                                    '72326756413',
'10037792292411')
                                                          AND
user_payable_pay_amount <= 0.01
                                                    )
                                              )
                                        a
                                  LEFT JOIN
                                        (
                                              SELECT
                                                    lower(trim(user_pin)) pin,
                                                    lower(trim(unify_user_pin))
user_log_acct,
                                                    is_unify_pin_valid
                                              FROM
                                                    app.app_unify_user_validity_da
                                              WHERE
                                                    dt = sysdate( - 2)
                                              GROUP BY
                                                    lower(trim(user_pin)),
                                                    lower(trim(unify_user_pin)),
                                                    is_unify_pin_valid
                                        ) ----pin
                                        d
                                  ON
                                        a.user_log_acct = d.pin
                                  GROUP BY
                                        DATE,
                                        halfhour,
                                        COALESCE(d.user_log_acct, a.user_log_acct),
                                        a.item_sku_id,
                                        a.sale_ord_id,
                                        a.parent_sale_ord_id,
                                        after_prefr_amount_1,
                                        sale_qtty
                            )
                            a
                      JOIN
                            (
                                  SELECT
                                        bu_id,
                                        bu_name,
                                        dept_id_1,
                                        dept_name_1,
                                        dept_id_2,
                                        dept_name_2,
                                        --dept_id_3,
                                        --dept_name_3,
                                        item_sku_id
```

```
                                FROM
                                        gdm.gdm_m03_sold_item_sku_da
                                WHERE
                                        dt = sysdate( - 1)
                                        AND bu_id = 1727
                                        AND brand_code NOT IN('140289') ----
                        )
                        b
                ON
                        a.item_sku_id = b.item_sku_id
                LEFT JOIN
                        (
                                SELECT
                                        item_sku_id, ------BC
                                        sale_ord_id,
                                        first_biz,
                                        scnd_biz,
                                        third_biz
                                FROM
                                        app.app_adm_d04_trade_ord_bc_classify_di_dsc_mid
                                WHERE
                                        (
                                                -- dt BETWEEN date_sub(${hiveconf:qn_begin},
90) AND ${hiveconf:qn_end}

                                                -- OR--
                                                dt BETWEEN date_sub(${hiveconf:jn_begin}, 90)
AND ${hiveconf:jn_end}
                                        )
                                        AND valid_flag = '1'
                                GROUP BY
                                        item_sku_id,
                                        sale_ord_id,
                                        first_biz,
                                        scnd_biz,
                                        third_biz
                        )
                        c
                ON
                        a.sale_ord_id = c.sale_ord_id
                        AND a.item_sku_id = c.item_sku_id
                GROUP BY
                        DATE,
                        sale_ord_dt,
                        COALESCE(first_biz, ''),
                        user_log_acct,
                        bu_id,
                        bu_name,
                        dept_id_1,
                        dept_name_1,
                        dept_id_2,
                        dept_name_2 grouping sets((DATE, sale_ord_dt, COALESCE(first_biz, ''),
user_log_acct, bu_id, bu_name),(DATE, sale_ord_dt, COALESCE(first_biz, ''), user_log_acct, bu_id, bu_name,
dept_id_1, dept_name_1),(DATE, sale_ord_dt, COALESCE(first_biz, ''), user_log_acct, bu_id, bu_name, dept_id_1,
dept_name_1, dept_id_2, dept_name_2))
                )
                m
        LEFT OUTER JOIN
                (
                        SELECT
                                bu_id,
                                dept_id_1,
                                dept_id_2,
                                user_log_acct,
                                --min_dt1,
                                MAX(fst_all_yn) fst_all_yn,
                                min_dt1
                        FROM
                                (
                                        SELECT
                                                bu_id,
                                                COALESCE(dept_id_1, bu_id) dept_id_1,
```

```sql
                                            COALESCE(dept_id_2, dept_id_1, bu_id) dept_id_2,
                                            lower(trim(unif_user_log_acct)) user_log_acct,
                                            MIN(fst_ord_dt) min_dt1, --
                                            MAX(fst_all_yn) fst_all_yn
                                    FROM
                                            app.app_adm_s01_user_new_or_old_flag_detail_dsc_mid
                                    WHERE
                                            dt = sysdate( - 2)
                                            AND bu_id = '1727' --id
                                            AND tp = 'dept'
                                    GROUP BY
                                            bu_id,
                                            dept_id_1,
                                            dept_id_2,
                                            lower(trim(unif_user_log_acct)) grouping sets((bu_id,
dept_id_1, dept_id_2, lower(trim(unif_user_log_acct))),(bu_id, dept_id_1, lower(trim(unif_user_log_acct))),
(bu_id, lower(trim(unif_user_log_acct))))
                                    )
                                    t1
                            WHERE
                                    -- min_dt1 BETWEEN ${hiveconf:qn_begin} AND ${hiveconf:qn_end}
                                    -- OR
                                    min_dt1 BETWEEN ${hiveconf:jn_begin} AND ${hiveconf:jn_end}
                            GROUP BY
                                    bu_id,
                                    dept_id_1,
                                    dept_id_2,
                                    user_log_acct,
                                    min_dt1
                    )
                    t1
            ON
                    m.user_log_acct = t1.user_log_acct
                    AND m.bu_id = t1.bu_id
                    AND m.dept_id_1 = t1.dept_id_1
                    AND m.dept_id_2 = t1.dept_id_2
                    AND m.sale_ord_dt = t1.min_dt1
            LEFT JOIN
                    (
                            SELECT
                                    lower(trim(unif_user_log_acct)) user_log_acct,
                                    spite_user_flag
                            FROM
                                    app.app_adm_s01_user_new_or_old_flag_detail_dsc_mid
                            WHERE
                                    dt = sysdate( - 2)
                                    AND spite_user_flag = 1
                                    AND tp = 'dept'
                            GROUP BY
                                    lower(trim(unif_user_log_acct)),
                                    spite_user_flag
                    )
                    c
            ON
                    m.user_log_acct = c.user_log_acct
            GROUP BY
                    DATE,
                    min_halfhour,
                    IF(spite_user_flag IS NULL, '', ''),
                    first_biz,
                    m.bu_id,
                    m.bu_name,
                    m.dept_id_1,
                    m.dept_name_1,
                    m.dept_id_2,
                    m.dept_name_2,
                    CASE fst_all_yn
                            WHEN '1'
                            THEN ''
                            WHEN '0'
                            THEN ''
```

```
                                ELSE ''
                        END grouping sets((DATE, min_halfhour, IF(spite_user_flag IS NULL, '', ''), first_biz,
m.bu_id, m.bu_name, m.dept_id_1, m.dept_name_1, m.dept_id_2, m.dept_name_2,
                        CASE fst_all_yn
                                WHEN '1'
                                THEN ''
                                WHEN '0'
                                THEN ''
                                ELSE ''
                        END),(DATE, min_halfhour, IF(spite_user_flag IS NULL, '', ''), m.bu_id, m.bu_name, m.
dept_id_1, m.dept_name_1, m.dept_id_2, m.dept_name_2,
                        CASE fst_all_yn
                                WHEN '1'
                                THEN ''
                                WHEN '0'
                                THEN ''
                                ELSE ''
                        END))
        )
        ,
        user_s AS
        (
                SELECT
                        DATE,
                        min_halfhour,
                        bu_id,
                        bu_name,
                        dept_id_1,
                        dept_name_1,
                        dept_id_2,
                        dept_name_2,
                        '' user_type,
                        SUM(users) users
                FROM
                        user_d
                WHERE
                        first_biz = ''
                GROUP BY
                        DATE,
                        min_halfhour,
                        bu_id,
                        bu_name,
                        dept_id_1,
                        dept_name_1,
                        dept_id_2,
                        dept_name_2
        )
SELECT
        t1.*,
        t2.amount,
        t3.PV,
        t3.UV
FROM
        user_s t1
JOIN amount_s t2
ON
        t1.DATE = t2.DATE
        AND t1.min_halfhour = t2.ord_deal_tm_1hour_seg
        AND t1.bu_id = t2.bu_id
        AND t1.dept_id_1 = t2.dept_id_1
        AND t1.dept_id_2 = t2.dept_id_2
JOIN uv_s t3
ON
        t1.DATE = t3.dt
        AND t1.min_halfhour = t3.hoursplit
        AND t1.bu_id = t3.bu_id
        AND t1.dept_id_1 = t3.dept_id_1
        AND t1.dept_id_2 = t3.dept_id_2
```