EXPLAIN QUERY PLAN REPORT on 2_Non

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1. SQL statement q2_None_query.sql

```
-- compose data with next 1,5 year quarters periods (=7 periods) including:
-- start quarter period date / end quater period date /quater ID in year / quater sequence number ID report
WITH RECURSIVE
    qtrange (x) AS (
        SELECT 0
        UNION ALL
        SELECT (x + 3)
        FROM qtrange
        LIMIT 7
    )
select
    "Quater start date" as c1,
    "Quater end date" as c2,
    "Quater id per year" as c3,
    "Quater id per report: 1" as c4,
    "Quater id per report: 2" as c5,
    "Quater id per report: 3" as c6,
    "Quater id per report: 4" as c7,
    "Quater id per report: 5" as c8,
    "Quater id per report: 6" as c9,
    "Quater id per report: 7" as c10
UNION all
select
    date(
        'now',
        'start of year',
        concat(qtrange.x, ' months'),
        '0 day'
    ) as start_date,
    date(
        'now',
        'start of year',
        concat((qtrange.x + 3), ' months'),
        '-1 day'
    ) as end_date,
    'Q' || (
        substr(
            date(
                'now',
                'start of year',
                (qtrange.x + 3) || ' months',
                '-1 day'
            ),
            6,
            2
        ) / 3
    ) as qtyear_id,
    case (qtrange.x / 3 -0)
        when (0) then qtrange.x / 3 + 1
        else 0
    end,
    --id_1
    case (qtrange.x / 3 -1)
        when (0) then qtrange.x / 3 + 1
        else 0
    end,
    --id_2
    case (qtrange.x / 3 -2)
        when (0) then qtrange.x / 3 + 1
        else 0
    end,
    --id_3
    case (qtrange.x / 3 -3)
        when (0) then qtrange.x / 3 + 1
        else 0
    end,
    --id_4
    case (qtrange.x / 3 -4)
        when (0) then qtrange.x / 3 + 1
        else 0
    end,
    --id_5
    case (qtrange.x / 3 -5)
        when (0) then qtrange.x / 3 + 1
        else 0
    end,
    --id_6
    case (qtrange.x / 3 -6)
        when (0) then qtrange.x / 3 + 1
        else 0
    end --id_7
FROM qtrange
UNION all
select '0000-00-00', date(
```

```
        'now', 'start of year', (qtrange.x) || ' months', '-1 day'
    ), 'na', 0, 0, 0, 0, 0, 0, 0
FROM qtrange
where
    x = 0
UNION all
select date(
        'now', 'start of year', (qtrange.x + 3) || ' months', '+1 day'
    ), '9999-12-31', 'na', 0, 0, 0, 0, 0, 0, 0
FROM qtrange
where
    x = 18;
```

2. Explain query plan generated by <EXPLAINE QUERY PLAN sql_statement>

2.1. Plain report

step	id	parent	unused	detail
1	1	0	0	COMPOUND QUERY
2	2	1	0	LEFT-MOST SUBQUERY
3	3	2	0	**SCAN CONSTANT ROW**
4	15	1	0	UNION ALL
5	18	15	0	MATERIALIZE qtrange
6	23	18	0	SETUP
7	24	23	0	**SCAN CONSTANT ROW**
8	38	18	0	RECURSIVE STEP
9	39	38	216	**SCAN qtrange**
10	49	15	44	**SCAN qtrange**
11	130	1	0	UNION ALL
12	133	130	216	**SCAN qtrange**
13	151	1	0	UNION ALL
14	154	151	216	**SCAN qtrange**

2.2. GRAPH report

```
          EXPLAINE QUERY PLAN
step 1....   |__COMPOUND QUERY...node(id: 1)
step 2....      |--LEFT-MOST SUBQUERY...node(id: 2)
step 3....      |   |__SCAN CONSTANT ROW...node(id: 3)
step 4....      |--UNION ALL...node(id: 15)
step 5....      |   |--MATERIALIZE qtrange...node(id: 18)
step 6....      |   |   |--SETUP...node(id: 23)
step 7....      |   |   |   |__SCAN CONSTANT ROW...node(id: 24)
step 8....      |   |   |__RECURSIVE STEP...node(id: 38)
step 9....      |   |       |__SCAN qtrange...node(id: 39, notused: 216)
step 10...      |   |__SCAN qtrange...node(id: 49, notused: 44)
step 11...      |--UNION ALL...node(id: 130)
step 12...      |   |__SCAN qtrange...node(id: 133, notused: 216)
step 13...      |__UNION ALL...node(id: 151)
step 14...          |__SCAN qtrange...node(id: 154, notused: 216)
```