SQL results report on 4_overgroup

generated at 2025-09-15T18:59:42

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1. SQL statment 4_overgroup content

```
--- AGGREGATION --- Partitioning with row_number function
with header1( col1, col2, col3, col4, col5) as
 (select " goods_id", "customer_id", "goods_type", "goods_weight", "comment")
   ,header2( col1, col2, col3, col4, col5) as
  (select " goods_id", "customer_id", "goods_type", "goods_weight", "row number on goods_weight partioned
with goods_type ")
---- source data
select "SubTab","2.1. A table with processing input data ", " ",  " ", " "
union all
select h1.col1, h1.col2, h1.col3,  h1.col4 ,  h1.col5 from header1 h1
union all
select goods_id,
    customer_id,
    goods_type,
    goods_weight,
 "An input data for an example query"
from CUSTGOODS
union all
select "SubTab","2.2. A table with results data ", " ",  " ", " "
union all
select h2.col1, h2.col2, h2.col3, h2.col4, h2.col5 from header2 h2
union all
select goods_id,
    customer_id,
    goods_type,
    goods_weight,
   (ROW_NUMBER()
      OVER (partition by
      goods_type
      order BY goods_weight)) rn
FROM CUSTGOODS
--union all select "--- generated at " || strftime( datetime(current_timestamp, 'localtime'))
```

2. SQL results

2.1. A table with processing input data

SN	goods_id	customer_id	goods_type	goods_weight	comment
1	1	1	type1	15	An input data for an example query
2	2	2	type2	6	An input data for an example query
3	3	3	type3	7	An input data for an example query
4	4	1	type1	19	An input data for an example query
5	5	3	type3	67	An input data for an example query
6	6	3	type3	56	An input data for an example query
7	7	1	type1	37	An input data for an example query
8	8	3	type3	21	An input data for an example query
9	9	2	type2	54	An input data for an example query
10	10	3	type3	18	An input data for an example query
11	11	1	type1	94	An input data for an example query
12	12	2	type2	55	An input data for an example query
13	13	2	type2	28	An input data for an example query
14	14	1	type1	35	An input data for an example query
15	15	2	type2	26	An input data for an example query

2.2. A table with results data

SN	goods_id	customer_id	goods_type	goods_weight	row number on goods_weight partioned with goods_type
1	1	1	type1	15	1
2	4	1	type1	19	2
3	14	1	type1	35	3
4	7	1	type1	37	4
5	11	1	type1	94	5
6	2	2	type2	6	1
7	15	2	type2	26	2
8	13	2	type2	28	3
9	9	2	type2	54	4
10	12	2	type2	55	5
11	3	3	type3	7	1
12	10	3	type3	18	2

SN	goods_id	customer_id	goods_type	goods_weight	row number on goods_weight partioned with goods_type
13	8	3	type3	21	3
14	6	3	type3	56	4
15	5	3	type3	67	5