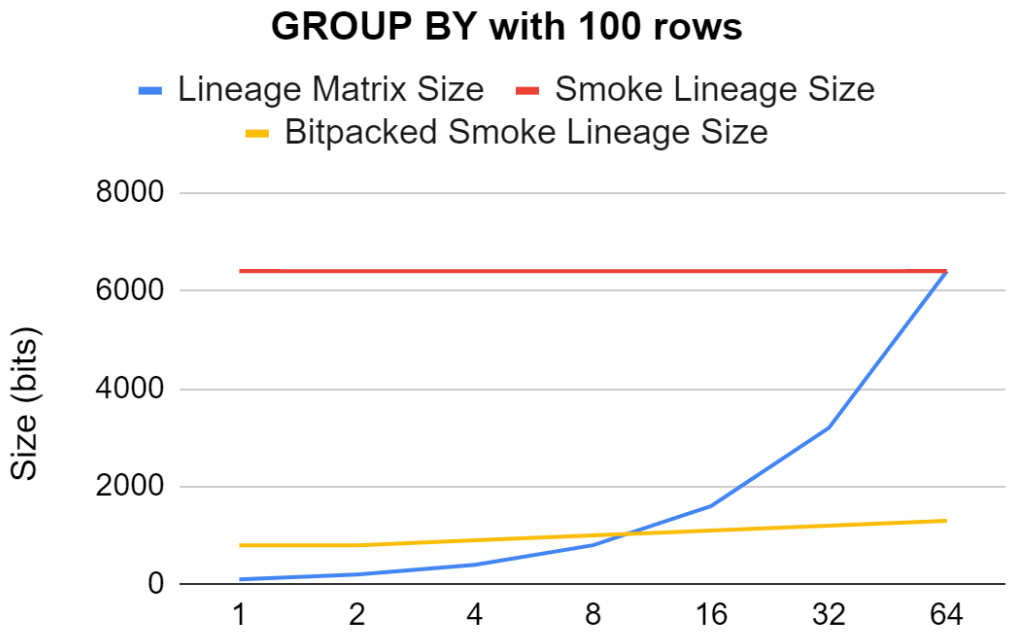
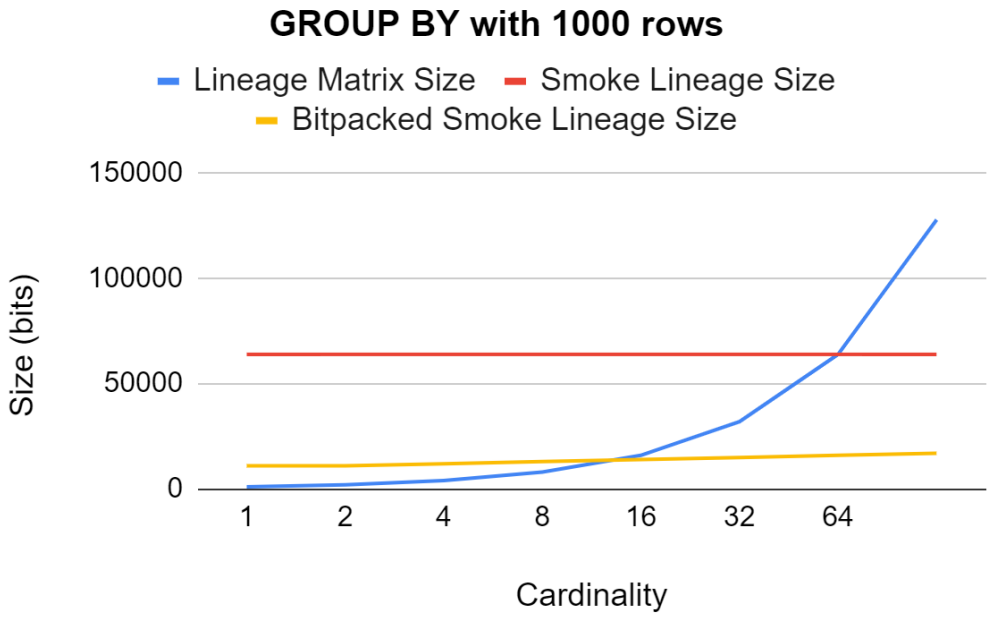
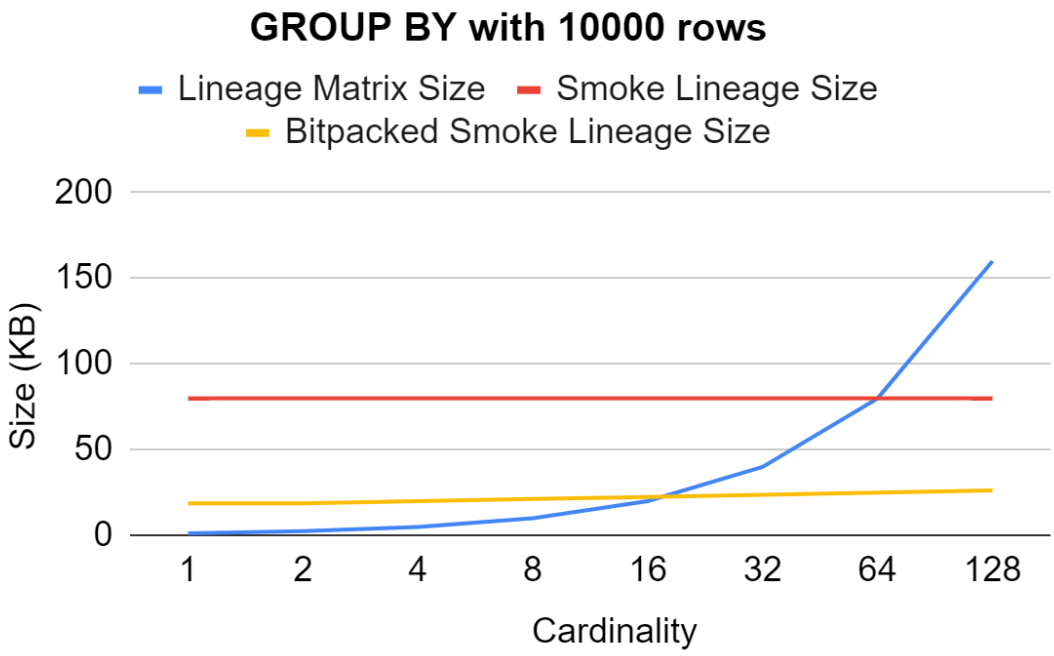
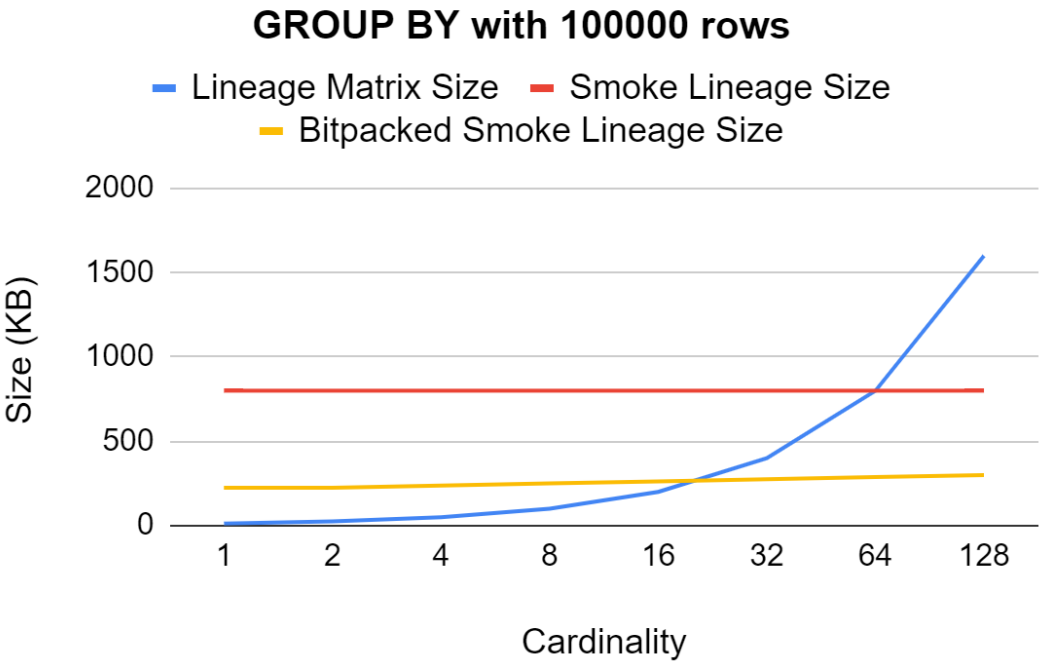
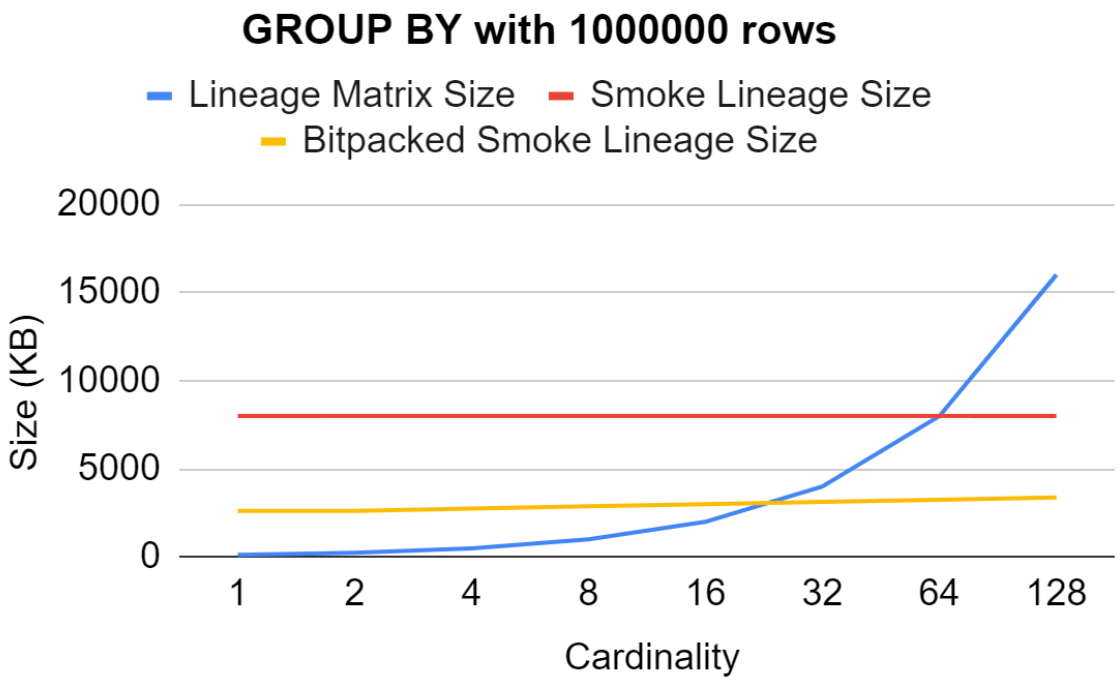
How Smokey? GROUP BY lineage representation size comparison results






GROUP BY with 10000 rows
Lineage Matrix Size
Smoke Lineage Size
Bitpacked Smoke Lineage Size
200
150
100
50
0
Size (KB)
1
2
4
8
16
32
64
128
Cardinality


GROUP BY with 100000 rows
Lineage Matrix Size
Smoke Lineage Size
Bitpacked Smoke Lineage Size
2000
1500
1000
500
0
Size (KB)
1
2
4
8
16
32
64
128
Cardinality


GROUP BY with 1000000 rows
Lineage Matrix Size
Smoke Lineage Size
Bitpacked Smoke Lineage Size
20000
15000
10000
5000
0
Size (KB)
1
2
4
8
16
32
64
128
Cardinality