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1  --- query 01 (count)
2  SELECT COUNT(*) FROM data
3  1000000
4
5  --- query 02 (count, where)
6  SELECT COUNT(*) FROM data WHERE customerRegion = 'A' AND productID >= 100
7  AND productID <= 500 AND quantity > 1
8  65157
9
10 --- query 03 (count, where, in)
11 SELECT COUNT(*) FROM data WHERE customerTownID >= 5 AND customerTownID <= 75
12 AND customerRegion IN ('B','C','G') AND productID >= 50 AND productID <= 500
13 AND quantity <= 2
14 25174
15
16 --- query 04 (count, where, not in)
17 SELECT COUNT(*) FROM data WHERE customerTownID >= 10 AND customerTownID <= 15
18 AND customerRegion NOT IN ('A','B','C','H') AND productID >= 50
19 AND productID <= 100 AND quantity <= 2
20 273
21
22 --- query 05 (id, where, in, order by desc limit)
23 SELECT id FROM data WHERE customerTownID >= 10 AND customerTownID <= 15
24 AND customerRegion IN ('A','B') AND productID >= 50 AND productID <= 55
25 AND quantity = 3 ORDER BY customerTownID DESC LIMIT 3
26 614041
27 651807
28 798192
29
30 --- query 06 (id, where, in, order by desc, order by asc)
31 SELECT id FROM data WHERE customerTownID >= 5 AND customerTownID <= 7
32 AND customerRegion IN ('A','B') AND productID >= 250 AND productID <= 252
33 AND quantity = 1 ORDER BY quantity DESC,customerTownID
34 970370
35
36 --- query 07 (count, group by)
37 SELECT customerRegion,COUNT(*) FROM data GROUP BY customerRegion
38 D 126065
39 G 153623
40 C 118360
41 A 181494
42 E 135157
43 B 135671
44 F 149630
45
46 --- query 08 (count, where, group by)
47 SELECT productID,COUNT(*) FROM data WHERE customerRegion = 'C'
48 AND productID <= 10 AND quantity <= 2 GROUP BY productID
49 6 113
50 9 111
51 8 108
52 2 106
53 7 116
54 3 106
55 10 117
56 1 112
57 5 111
58 4 98
59
60 --- query 09 (count, where, in, group by)
61 SELECT customerRegion,COUNT(*) FROM data WHERE customerRegion IN ('A','B','C')
62 AND productID >= 125 AND productID <= 425 AND quantity > 1 GROUP BY customerRegion
63 A 49029
64 C 31797
65 B 36502
66
67
68
69

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70 --- query 10 (count, where, not in, group by)
71 SELECT customerRegion,COUNT(*) FROM data
72 WHERE customerRegion NOT IN ('B','D','F','G') AND customerTownID <= 275
73 AND productID <= 300 GROUP BY customerRegion
74 E 29631
75 A 48721
76 C 22018
77
78 --- query 11 (sum, where, not in, in, group by)
79 SELECT customerRegion,SUM(quantity) FROM data
80 WHERE customerRegion NOT IN ('B','C','D')AND customerTownID >= 50
81 AND customerTownID <= 100 AND productID IN (5,10,15,20,15)
82 GROUP BY customerRegion
83 A 231
84 E 150
85 F 236
86 G 118
87
88 --- query 12 (avg, where, in, in, group by)
89 SELECT productID,AVG(deliveryTimeInHours) FROM data
90 WHERE customerRegion IN ('C','D','E') AND customerTownID >= 50
91 AND customerTownID <= 100 AND productID IN (10,20,30,40,50)
92 GROUP BY productID
93 40 27
94 30 28
95 10 25
96 50 26
97 20 28
98
99
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