params: 450k sales, 250k products

Time in ms, Average over 3 runs

Category All

customers alphabetical 89

customers topK 121

states alphabetical 97

states topK 88

Category 250

customers alphabetical 92

customers topK 96

states alphabetical 88

states topK 93

Category All : different params

customers alphabetical 65

customers topK 67

states alphabetical 97

states topK 88

Category 250

customers alphabetical 92

customers topK 96

states alphabetical 88

states topK 93

PgAdmin sql\_analytics..

Query 1 : 56 rows

Run 1 - 5 secs

Run 2 - 4 secs

Run 3 - 4 secs

Query 2 : 150,000 rows avg 9sec

Run 1 - 9 secs

Run 2 - 9 secs

Run 3 - 9 secs

Query 3 : 150,000 rows avg 8sec

Run 1 - 8 secs

Run 2 - 8 secs

Run 3 - 8 secs

Query 1 : 56 rows —————— smaller params; mentioned in conclusion

avg 1 sec

Run 1 - 1 secs

Run 2 - 1 secs

Run 3 - 1 secs

Query 2 : 100,000 rows

Run 1 - 4 secs

Run 2 - 4 secs

Query 3 : 100,000 rows

Run 1 - 4 secs

Run 2 - 4 secs

Query 4 : 997890 rows retrieved.

Run 1 - 18 secs

Run 2 - 18 secs

Query 5 : rows

Run 1 - 1 secs

Run 2 - 1 secs

Query 6: rows

Run 1 - 1 secs

Run 2 - 1 secs

Query 7:

23 secs

Query 7:

With index on producr\_id:

23 secs

With index on person\_id:

22 sec