

Query types are the same like here :

https://github.com/HelgeCPH/db_course_nosql/blob/master/lecture_notes/Project%20Description.ipynb

Average Times

Query	PostgreSQL	Neo4j
1	1784.2 ms	558.6 ms
2	134.8 ms	214 ms
3	137.2 ms	112.4 ms
4	1903.8 ms	3023.6 ms

Median Times

Query	PostgreSQL	Neo4j
1	1527 ms	310 ms
2	122 ms	206 ms
3	133 ms	179 ms
4	1698 ms	2927 ms

All Test times

Postgresql

Query 1 :

Time for test 1 - 4465 ms

Time for test 2 - 1595 ms

Time for test 3 - 1291 ms

Time for test 4 - 1527 ms

Time for test 5 - 1334 ms

Average time = 1784.2 ms

Median time = 1527 ms

Qyery 2 :

Time for test 6 - 151 ms

Time for test 7 - 119 ms

Time for test 8 - 122 ms

Time for test 9 - 171 ms

Time for test 10 - 111 ms

Average time `= 134.8 ms

Median time = 122 ms

Qyery 3 :

Time for test 11 - 148 ms

Time for test 12 - 132 ms

Time for test 13 - 133 ms

Time for test 14 - 124 ms

Time for test 15 - 149 ms

Average time `= 137.2 ms

Median time = 133 ms

Qyery 4 :

Time for test 16 - 2913 ms

Time for test 17 - 1258 ms

Time for test 18 - 1284 ms

Time for test 19 - 1698 ms

Time for test 20 - 2366 ms

Average time `= 1903.8 ms

Median time = 1698 ms

NEO4J :

Qyery 1 :

Time for test 1 - 1581 ms

Time for test 2 - 398 ms

Time for test 3 - 237 ms

Time for test 4 - 310 ms

Time for test 5 - 267 ms

Average time `= 558.6 ms

Median time = 310 ms

Qyery 2 :

Time for test 6 - 275 ms

Time for test 7 - 185 ms

Time for test 8 - 206 ms

Time for test 9 - 217 ms

Time for test 10 - 187 ms

Average time `= 214 ms

Median time = 206 ms

Qyery 3 :

Time for test 11 - 202 ms

Time for test 12 - 1 ms

Time for test 13 - 0 ms

Time for test 14 - 179 ms

Time for test 15 - 180 ms

Average time `= 112.4 ms

Median time = 179 ms

Qyery 4 :

Time for test 16 - 3453 ms

Time for test 17 - 2927 ms

Time for test 18 - 2900 ms

Time for test 19 - 2906 ms

Time for test 20 - 2932 ms

Average time `= 3023.6 ms

Median time = 2927 ms