

No. of records -->		102000		204001	
Query No.	Run #	Time required in Cassandra	Time required in MongoDB	Time required in Cassandra	Time required in MongoDB
1	1	114.037354	23.65061474	210.9455848	47.27450514
	2	103.9547513	23.52874351	227.2488482	47.01571274
	3	105.8618305	23.57024002	221.2183807	47.80712223
	Avg	107.9513119	23.58319942	219.8042712	47.36578004
2	1	0.000290155	0.000209093	0.000338554	6.53E-05
	2	0.000366449	0.000202417	0.000286579	6.79E-05
	3	0.000455379	0.000198364	0.000263929	6.29E-05
	Avg	0.000370661	0.000203292	0.000296354	6.54062E-05
3	1	0.040290356	10.20999837	0.05957675	19.99713516
	2	0.067286491	6.872420073	0.053408861	19.94910192
	3	0.039939165	10.31710267	0.054956436	20.05431819
	Avg	0.049172004	9.133173704	0.055980682	20.00018509
4	1	0.00069809	8.32E-05	0.001087904	9.94E-05
	2	0.000754356	8.06E-05	0.001027107	9.30E-05
	3	0.000689507	0.000114202	0.000669241	9.23E-05
	Avg	0.000713984	9.26654E-05	0.000928084	9.48906E-05
5	1	0.001029253	0.03919816	0.001043081	0.076003313
	2	0.001114368	0.038089991	0.001328468	0.072303772
	3	0.001409769	0.037473917	0.001342773	0.073604107
	Avg	0.001184464	0.038254023	0.001238108	0.073970397
6	1	0.001138449	0.041039944	0.001007318	0.081515789
	2	0.000967979	0.039074898	0.000920773	0.07207346
	3	0.000962019	0.041248322	0.000855207	0.082269907
	Avg	0.001022816	0.040454388	0.000927766	0.078619719

306002		408003	
Time required in Cassandra	Time required in MongoDB	Time required in Cassandra	Time required in MongoDB
334.5482476	70.71305728	420.8149152	94.19710827
324.7231297	71.13235617	438.492923	95.05960894
320.5764856	72.11417437	447.6062841	96.38668323
<b>326.6159543</b>	<b>71.3198626</b>	<b>435.6380408</b>	<b>95.21446681</b>
0.000267029	6.34E-05	0.000304699	6.22E-05
0.000273705	6.68E-05	0.000374079	6.46E-05
0.000262022	6.32E-05	0.000378847	6.32E-05
<b>0.000267585</b>	<b>6.44525E-05</b>	<b>0.000352542</b>	<b>6.33399E-05</b>
0.062518835	29.87961936	0.070617199	39.39637256
0.080612659	29.29310107	0.07090497	39.43742561
0.064101458	30.01081729	0.072654009	39.03089595
<b>0.069077651</b>	<b>29.72784591</b>	<b>0.071392059</b>	<b>39.28823137</b>
0.000674009	0.000100613	0.000741482	0.000106096
0.000729799	9.25E-05	0.000633001	0.000101566
0.000656366	9.49E-05	0.000622272	0.000111818
<b>0.000686725</b>	<b>9.60032E-05</b>	<b>0.000665585</b>	<b>0.000106494</b>
0.000997543	0.119799614	0.001064539	0.157089949
0.001000643	0.112112999	0.001006365	0.147200823
0.001081705	0.109770298	0.001016378	0.151049852
<b>0.00102663</b>	<b>0.113894304</b>	<b>0.001029094</b>	<b>0.151780208</b>
0.001262426	0.122258902	0.000996351	0.159555197
0.000961065	0.113565922	0.000860453	0.150886059
0.0014112	0.126091003	0.001181841	0.165900946
<b>0.001211564</b>	<b>0.120638609</b>	<b>0.001012882</b>	<b>0.158780734</b>

### Performance Evaluation

510004		612005	
Time required in Cassandra	Time required in MongoDB	Time required in Cassandra	Time required in MongoDB
529.1476874	118.2620597	653.7302537	144.0068107
542.7129326	117.6375198	677.1775885	142.6533754
513.4659588	121.2668636	633.4917252	144.3601058
<b>528.442193</b>	<b>119.055481</b>	<b>654.7998558</b>	<b>143.6734306</b>
0.000259638	7.37E-05	0.000286341	6.65E-05
0.000257969	6.60E-05	0.000344753	6.03E-05
0.000405073	7.53E-05	0.000283241	7.56E-05
<b>0.00030756</b>	<b>7.16845E-05</b>	<b>0.000304778</b>	<b>6.74725E-05</b>
0.099491835	41.9629879	0.11377883	59.1684382
0.133162737	48.7773478	0.143628359	58.55038834
0.099596262	45.18276	0.141824722	58.591995
<b>0.110750278</b>	<b>45.30769857</b>	<b>0.133077304</b>	<b>58.77027384</b>
0.000644922	0.000105858	0.001059055	9.01E-05
0.000673294	9.61E-05	0.000685215	0.000105143
0.00066781	0.000112295	0.00062561	0.000106335
<b>0.000662009</b>	<b>0.000104745</b>	<b>0.00078996</b>	<b>0.000100533</b>
0.000997066	0.187643528	0.001315594	0.229944229
0.001003742	0.188053846	0.001060963	0.213403702
0.001022816	0.183055401	0.001006603	0.221338272
<b>0.001007875</b>	<b>0.186250925</b>	<b>0.00112772</b>	<b>0.221562068</b>
0.000892401	0.195920706	0.00115037	0.240586519
0.000934124	0.190418959	0.000996828	0.232753754
0.001192331	0.203072071	0.000911474	0.241190195
<b>0.001006285</b>	<b>0.196470579</b>	<b>0.001019557</b>	<b>0.238176823</b>

714006		816007	
Time required in Cassandra	Time required in MongoDB	Time required in Cassandra	Time required in MongoDB
753.9285581	166.5961337	883.1852791	190.5358989
743.3954415	167.4795501	845.7925849	191.9362478
762.6707795	166.7382743	848.6373115	192.8019605
<b>753.331593</b>	<b>166.9379861</b>	<b>859.2050585</b>	<b>191.7580357</b>
0.000290394	7.68E-05	0.000382185	7.51E-05
0.00037384	6.51E-05	0.000440121	7.44E-05
0.00036788	6.60E-05	0.000274181	6.32E-05
<b>0.000344038</b>	<b>6.93003E-05</b>	<b>0.000365496</b>	<b>7.08898E-05</b>
0.117336035	69.62158847	0.156232119	78.06456065
0.11619544	69.17258835	0.135026217	78.75647283
0.115996361	66.37285852	0.128761292	74.80239224
<b>0.116509279</b>	<b>68.38901178</b>	<b>0.140006542</b>	<b>77.20780857</b>
0.000679731	9.42E-05	0.000661612	9.97E-05
0.00100565	0.000101089	0.000645638	0.000100136
0.000663996	0.000110865	0.000711203	9.80E-05
<b>0.000783126</b>	<b>0.000102043</b>	<b>0.000672817</b>	<b>9.92616E-05</b>
0.000979662	0.269529104	0.000990152	0.296341181
0.001030207	0.267445087	0.000948906	0.29384613
0.001060009	0.255199194	0.001358271	0.296527386
<b>0.001023293</b>	<b>0.264057795</b>	<b>0.00109911</b>	<b>0.295571566</b>
0.001238346	0.281922102	0.000867844	0.321507931
0.000894785	0.264338493	0.000880718	0.297985792
0.001234293	0.283581972	0.001120329	0.329678774
<b>0.001122475</b>	<b>0.276614189</b>	<b>0.000956297</b>	<b>0.316390832</b>

918008		1020009	
Time required in Cassandra	Time required in MongoDB	Time required in Cassandra	Time required in MongoDB
953.4085774	211.6162422	1046.039411	234.7668293
959.5125024	215.615586	1047.743073	238.4607904
981.5653553	218.0483756	1056.354397	240.427892
<b>964.8288117</b>	<b>215.0934013</b>	<b>1050.045627</b>	<b>237.8851705</b>
0.000257254	6.08E-05	0.000254869	7.84E-05
0.000265121	6.46E-05	0.000380516	7.06E-05
0.000258207	6.65E-05	0.000333309	0.000391245
<b>0.000260194</b>	<b>6.40E-05</b>	<b>0.000322898</b>	<b>0.000180086</b>
0.141624928	75.35191989	0.142807722	94.23441648
0.13688302	87.75959659	0.141466856	88.33780551
0.141101837	88.65318775	0.143854141	96.79674244
<b>0.139869928</b>	<b>83.92156808</b>	<b>0.142709573</b>	<b>93.12298814</b>
0.00065279	9.85E-05	0.000656605	9.58E-05
0.00067687	9.94E-05	0.000649691	0.000104904
0.000658751	0.000121832	0.000681162	0.000183821
<b>0.000662804</b>	<b>0.000106573</b>	<b>0.000662486</b>	<b>0.00012819</b>
0.001026154	0.36782217	0.000959396	0.389692307
0.001271248	0.329653263	0.000967026	0.367403269
0.000970364	0.327161789	0.001029491	0.371964216
<b>0.001051188</b>	<b>0.341545741</b>	<b>0.000985305</b>	<b>0.376353264</b>
0.000945568	0.359158993	0.000887394	0.410181284
0.000913382	0.355431318	0.001356602	0.371105671
0.000856161	0.365858793	0.000944376	0.406891584
<b>0.000905037</b>	<b>0.360149701</b>	<b>0.001062791</b>	<b>0.396059513</b>