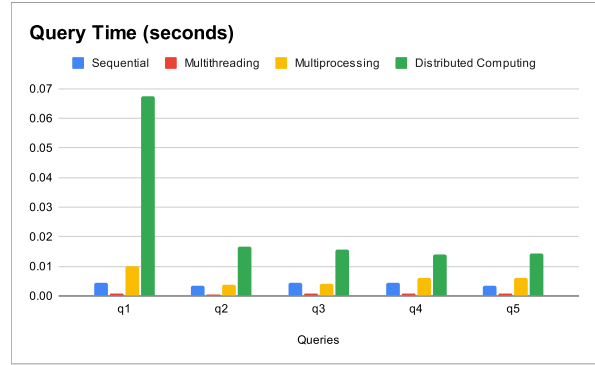


PERFORMANCE ANALYSIS CHARTS

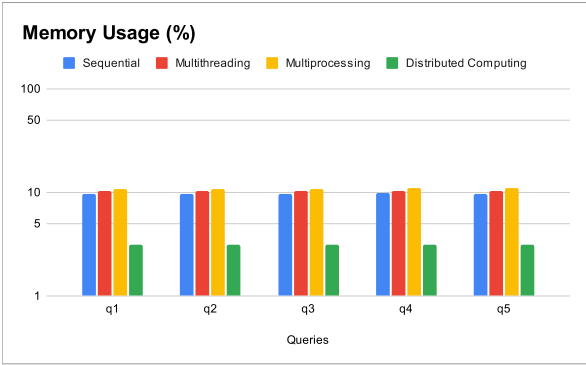
Query Time (seconds)

Query	Sequential	Multithreading	Multiprocessing	Distributed Computing
q1	0.43	0.08	1.01	6.73
q2	0.35	0.06	0.39	1.65
q3	0.43	0.09	0.41	1.56
q4	0.43	0.08	0.62	1.4
q5	0.35	0.08	0.62	1.44



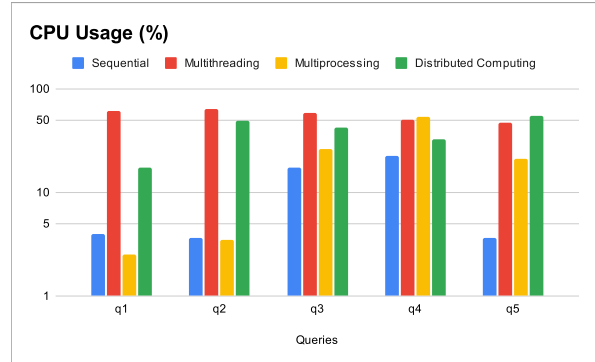
Memory Usage (%)

Query	Sequential	Multithreading	Multiprocessing	Distributed Computing
q1	9.63	10.25	10.83	3.12
q2	9.63	10.25	10.83	3.12
q3	9.73	10.27	10.87	3.12
q4	9.77	10.27	10.9	3.12
q5	9.63	10.27	10.97	3.12



CPU Usage (%)

Query	Sequential	Multithreading	Multiprocessing	Distributed Computing
q1	4	60.5	2.5	17.17
q2	3.67	63.98	3.5	48.92
q3	17.47	58.33	26.3	42.5
q4	22.5	50	53.27	32.73
q5	3.67	46.67	21.1	55.35



Throughput (records per second)

Query	Sequential	Multithreading	Multiprocessing	Distributed Computing
q1	265644.6	1459580.94	153514.51	7.61
q2	330018.67	2016209.76	298418.99	21.61
q3	279144.96	1215580.05	282946.66	10.45
q4	284087.32	1514009.44	184890.36	11.97
q5	332123.54	1511455.57	187832.48	2.37

