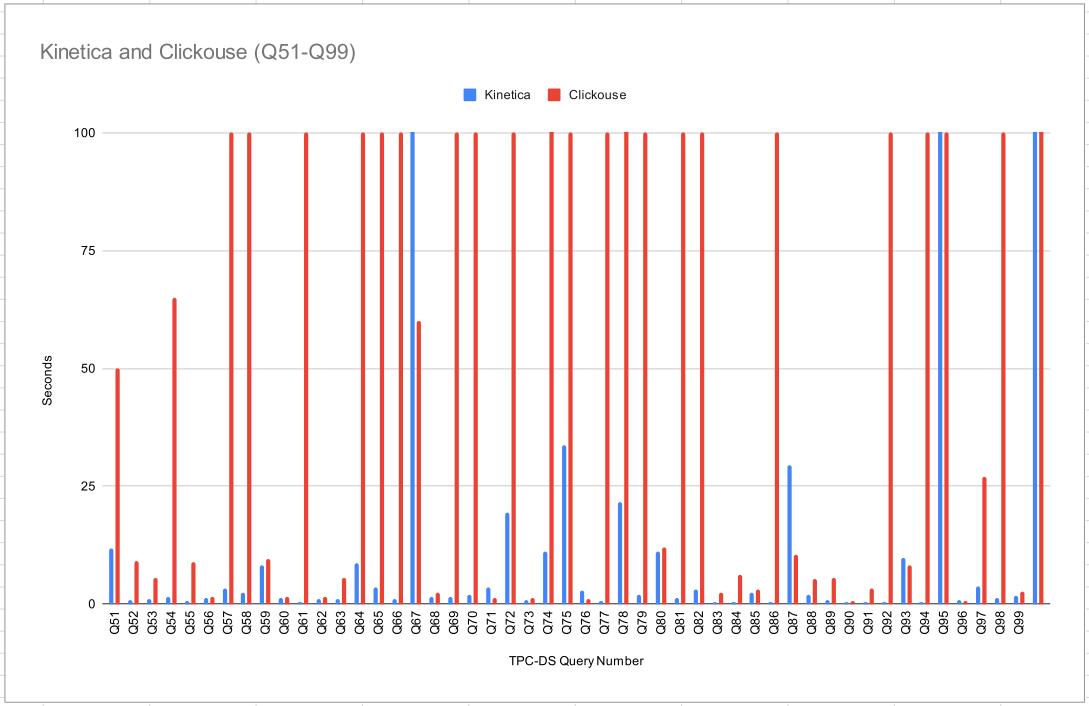TPC-DS Query	Kinetica	Clickouse	Kinetica AVX 512	Factor
Q51	11.8	50	10.3	4.24
Q52	0.8	9.2	0.7	11.50
Q53	1.1	5.6	1.2	5.09
Q54	1.5	65	1.5	43.33
Q55	0.7	8.9	0.8	12.71
Q56	1.2	1.5	1.5	1.25
Q57	3.4	100	2.8	
Q58	2.5	100	2.2	
Q59	8.2	9.5	6.1	1.16
Q60	1.3	1.6	1.4	1.23
Q61	0.4	100	0.5	
Q62	1	1.5	0.8	1.50
Q63	1	5.6	1	5.60
Q64	8.7	100	8.4	
Q65	3.6	100	3.1	
Q66	1	100	0.9	
Q67	277	60	279	0.22
Q68	1.5	2.4	1.8	1.60
Q69	1.6	100	1.4	
Q70	2	100	2	
Q71	3.61	1.3	3.5	0.36
Q72	19.3	100	17	
Q73	0.9	1.4	0.9	1.56
Q74	11.1	187	9.6	16.85
Q75	33.6	100	27.6	
Q76	2.9	1	2.5	0.34
Q77	0.7	100	0.8	
Q78	21.6	110	17.9	5.09
Q79	1.9	100	2.3	
Q80	11.2	12.1	10.1	1.08
Q81	1.3	100	1.7	
Q82	3	100	4.8	
Q83	0.5	2.5	0.7	5.00
Q84	0.4	6.3	0.3	15.75
Q85	2.4	3	2.3	1.25
Q86	0.5	100	0.5	
Q87	29.4	10.4	24.6	0.35
Q88	1.9	5.4	2.1	2.84
Q89	0.9	5.5	1.1	6.11
Q90	0.3	0.6	0.4	2.00
Q91	0.5	3.2	0.4	6.40
Q92	0.4	100	0.44	
Q93	9.9	8.3	8.9	0.84
Q94	0.3	100	0.17	
Q95	159.8	100	338.7	
Q96	0.8	0.6	0.87	0.75
Q97	3.8	26.9	2.9	7.08
Q98	1.4	100	1.5	
Q99	1.7	2.7	1.4	1.59
	410.91	609		5.49