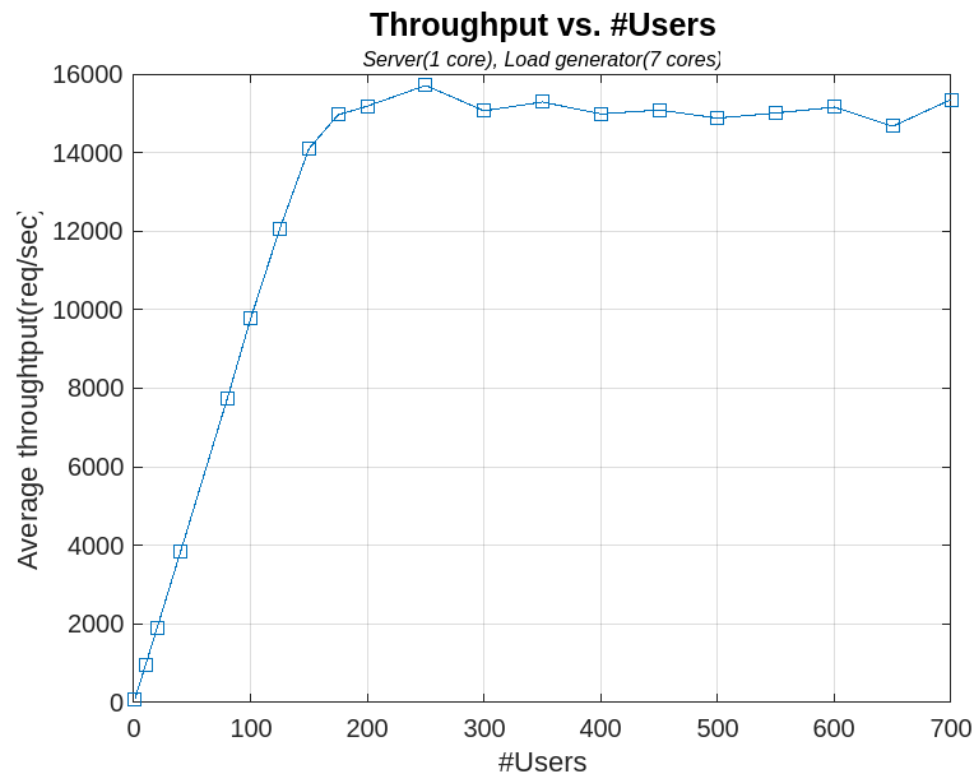


#### Assignment 4: Load Testing

Stats Recorded while testing the load generator(server-> 1 core, load generator-> 7 cores)

Users	Think Time	Request fired	Request handled successfully	Response Time	Cores to load	CPU utilization at server core	Avg Thpt	Avg Resp time
1	0.01	5647	5647	2.646312	7	5.00%	94.11666 66666667	0.0004686 226314857 45
10	0.01	57206	57206	22.0926	7	10.00%	953.4333 33333333	0.0003861 937558997 31
20	0.01	114418	114418	46.923899	7	15.00%	1906.966 66666667	0.0004101 094146025 98
40	0.01	230407	230407	94.983365	7	30.00%	3840.116 66666667	0.0004122 416636647 32
80	0.01	463918	463918	131.129736	7	50.00%	7731.966 66666667	0.0002826 571419949 22
100	0.01	586165	586165	143.629709	7	60.00%	9769.416 66666667	0.0002450 328985865 75
125	0.01	723393	723393	222.296491	7	80.00%	12056.55	0.0003072 969893266 87
150	0.01	846086	846086	489.119842	7	95.00%	14101.43 33333333	0.0005780 970752382 15
175	0.01	897716	897716	1470.477114	7	100.00%	14961.93 33333333	0.0016380 203917497 3
200	0.01	910935	910935	2839.329341	7	100.00%	15182.25	0.0031169 395631960 6
250	0.01	942684	942684	5523.170353	7	100.00%	15711.4	0.0058589 838726444 9
300	0.01	903833	903833	8913.863546	7	100.00%	15063.88 33333333	0.0098622 904297586
350	0.01	917330	917330	11781.495983	7	100.00%	15288.83 33333333	0.0128432 472316397
400	0.01	899106	899106	14964.944523	7	100.00%	14985.1	0.0166442 494244283
450	0.01	905115	905115	17908.749714	7	100.00%	15085.25	0.0197861 594537711
500	0.01	892689	892689	21036.322254	7	100.00%	14878.15	0.0235651 18707635
550	0.01	900462	900462	23960.54887	7	100.00%	15007.7	0.0266091 727024572
600	0.01	909491	909491	26873.654438	7	100	15158.18 33333333	0.0295480 158000464
650	0.01	880195	880195	30172.390358	7	100	14669.91 66666667	0.0342792 112634132
700	0.01	921001	921001	32765.792828	7	100	15350.01 66666667	0.0355762 836609298

Throughput vs #Users:



Response time vs #Users:

