Following infrastructure was created on aws to complete the assignment:

1. 3 x t3a.medium (2cpu, 4GB ram, 100GB SSD gp2) - For running YB-Master and YB-TServer
2. 1 x t2.micro ( 1cpu, 1GB ram, 8GB SSD gp2) – For running load generation application

All the tasks were completed of an assignment

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CPU Utilization (Avg)** | | | | | | | | |
| **Time** | **%User** | | | **%System** | | | **Total %user** | **Total %system** |
| **10-0-0-66** | **10-0-1-108** | **10-0-1-155** | **10-0-0-66** | **10-0-1-108** | **10-0-1-155** |
| 5 PM | 1.20 | 1.61 | 7.28 | 1.20 | 0.91 | 5.22 | 1.99 | 1.65 |
| 6 PM | 6.73 | 14.68 | 21.51 | 5.19 | 7.45 | 10.57 | 14.31 | 7.74 |
| 7 PM | 54.38 | 93.10 | 93.32 | 3.23 | 4.57 | 4.36 | 80.27 | 4.05 |
| 8 PM | 54.24 | 88.53 | 90.36 | 3.04 | 4.29 | 4.65 | 77.70 | 3.99 |
| 9 PM | 55.08 | 84.67 | 86.85 | 2.87 | 4.00 | 4.57 | 75.53 | 3.81 |
| 10 PM | 50.12 | 69.78 | 86.40 | 2.67 | 3.33 | 4.09 | 68.76 | 3.36 |
| 11 PM | 11.47 | 0.06 | 62.94 | 1.08 | 0.03 | 2.71 | 24.81 | 1.28 |
| Total | 33.34 | 56.98 | 71.84 | 2.76 | 3.86 | 5.16 | **53.16** | **3.88** |



CassandraKeyValue

CassandraBatchTimeseries