DETAILS :SERIAL VERSION OF THE CODE

DATASET: AML AND ALL DATASET WITH 7129 SAMPLES AND 34 GENES

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Number of Clusters | Distance Metric | Silhouette Score | Time in Seconds | Clock Cycles |
| K=2 | Manhattan | 0.000029 | 7.051185e-01 |  |
| K=3 | Manhattan | 0.000073 | 1.054626e+00 |  |
| K=4 | Manhattan | 0.000031 | 1.348495e+00 |  |
| K=6 | Manhattan | 0.000000 | 2.187414e+00 |  |
| K=8 | Manhattan | -0.000005 | 7.092976e+00 |  |
| K=10 | Manhattan | 0.000007 | 8.591707e+00 |  |
| K=2 | Euclidean | 0.000062 | 9.084692e-01 |  |
| K=3 | Euclidean | 0.000270 | 1.799241e+00 |  |
| K=4 | Euclidean | 0.000006 | 3.212070e+00 |  |
| K=6 | Euclidean | -0.000020 | 7.121718e+00 |  |
| K=8 | Euclidean | 0.000015 | 1.162048e+01 |  |
| K=10 | Euclidean | -0.000001 | 1.628903e+01 |  |

DETAILS :SERIAL VERSION OF THE CODE

DATASET: A RICE GENE EXPRESSION MATRIX DATASET WITH 10K SAMPLES AND 35 GENES

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Number of Clusters | Distance Metric | Silhouette Score | Time in Seconds | ClockCycles |
| K=2 | Manhattan |  |  |  |
| K=3 | Manhattan |  |  |  |
| K=4 | Manhattan |  |  |  |
| K=6 | Manhattan |  |  |  |
| K=8 | Manhattan |  |  |  |
| K=10 | Manhattan |  |  |  |
| K=2 | Euclidean |  |  |  |
| K=3 | Euclidean |  |  |  |
| K=4 | Euclidean |  |  |  |
| K=6 | Euclidean |  |  |  |
| K=8 | Euclidean |  |  |  |
| K=10 | Euclidean |  |  |  |