Without Normalization

Result of Single Linkage:

[[203, 207], [88, 89, 77, 114, 82, 120], [39, 113, 141, 51, 16, 188, 137, 138, 36, 35, 8, 9, 18, 30, 64, 151, 60, 61, 142, 184, 12, 140, 124, 1, 57, 4, 22, 25, 17, 46, 24, 55, 34, 49, 0, 58, 199, 27, 42, 65, 201, 63, 197, 171, 167, 62, 196, 143, 200, 156, 153, 169, 180, 195, 162, 182, 152, 157, 166, 181, 189, 175, 177, 193, 190, 149, 174, 186, 150, 183, 159, 145, 155, 178, 173, 176, 205, 192, 208, 185, 187, 191, 202, 154, 168, 172, 206, 147, 163, 19, 161, 144, 158, 194, 204, 164, 170, 31, 135, 26, 69, 160, 148, 198, 54, 66, 68, 29, 40, 41, 15, 3, 33, 67, 11, 45, 6, 52, 32, 50, 13, 14, 20, 53, 48, 38, 44, 47, 56, 5, 2, 21, 7, 28, 146, 165, 59, 23, 179, 83, 90, 128, 134, 10, 43, 132, 129, 37, 79, 81, 93, 78, 94, 102, 108, 119, 126, 116, 125, 101, 127, 86, 109, 87, 123, 130, 84, 105, 118, 111, 96, 103, 104, 91, 92, 106, 117, 73, 131, 110, 112, 99, 97, 115, 85, 98, 80, 72, 71, 75, 139, 100, 122, 133, 121, 74, 95, 70, 136, 76, 107]]

2

6

201

hamming distance:

0.642988590357

Silhouette Coefficient:

0.0652188838459

Result of Complete Linkage:

[[89, 77, 114, 88, 82, 120, 113, 78, 94, 81, 93, 87, 118, 96, 103, 104, 117, 126, 116, 125, 102, 111, 91, 92, 106, 73, 131, 123, 130, 85, 98, 101, 127, 97, 115, 105, 99, 110, 112, 86, 109, 84, 108, 119, 83, 90, 128], [37, 79, 8, 9, 74, 95, 139, 100, 122, 133, 124, 31, 135, 137, 138, 35, 36, 134, 10, 43, 132, 51, 80, 121, 70, 136, 76, 107, 129, 72, 71, 75, 48, 38, 44, 47, 20, 53, 21, 7, 28, 56, 2, 5, 29, 13, 14, 6, 52, 32, 50, 12, 15, 17, 46, 4, 22, 25, 18, 11, 45, 3, 33, 67, 0, 58, 24, 55, 34, 49, 1, 57, 54, 66, 68], [178, 145, 155, 171, 164, 170, 151, 188, 203, 207, 39, 141, 142, 184, 40, 41, 199, 65, 201, 27, 42, 30, 64, 59, 23, 179, 60, 61, 146, 165, 160, 148, 198, 26, 69, 62, 167, 205, 192, 208, 156, 153, 169, 154, 185, 168, 172, 206, 187, 191, 202, 180, 150, 183, 159, 173, 176, 190, 149, 174, 189, 175, 177, 193, 16, 63, 197, 143, 200, 162, 182, 166, 181, 140, 195, 196, 194, 204, 19, 147, 163, 161, 144, 158, 186, 152, 157]]

47

75

87

hamming distance:

0.20495951417

Silhouette Coefficient:

0.440449745154

Result of Average Linkage:

[[199, 27, 42, 65, 201, 160, 148, 198, 26, 69, 40, 41, 11, 45, 3, 33, 67, 20, 53, 21, 7, 28, 56, 2, 5, 29, 13, 14, 60, 61, 146, 165, 59, 23, 179, 30, 64, 8, 9, 137, 138, 35, 36, 4, 22, 25, 17, 46, 24, 0, 58, 55, 34, 49, 18, 1, 57, 54, 66, 68, 51, 134, 10, 43, 132, 15, 6, 52, 32, 50, 48, 38, 44, 47, 124, 31, 135], [89, 77, 114, 88, 82, 120, 78, 94, 102, 126, 116, 125, 113, 81, 93, 37, 79, 121, 70, 136, 76, 107, 74, 95, 139, 100, 122, 133, 80, 129, 72, 71, 75, 84, 108, 119, 87, 111, 96, 103, 118, 104, 91, 92, 117, 106, 73, 131, 101, 127, 123, 130, 85, 98, 86, 109, 105, 99, 110, 112, 97, 115, 83, 90, 128], [39, 141, 203, 207, 186, 152, 157, 162, 182, 166, 181, 195, 196, 143, 200, 140, 142, 184, 16, 12, 63, 197, 62, 167, 205, 192, 208, 185, 161, 144, 158, 194, 204, 19, 147, 163, 156, 153, 169, 187, 191, 202, 154, 168, 172, 206, 180, 159, 173, 176, 150, 183, 178, 145, 155, 190, 149, 174, 189, 175, 177, 193, 151, 188, 171, 164, 170]]

77

65

67

hamming distance:

0.123251748252

Silhouette Coefficient:

0.458617934365

Result of Lloyd's Method

[[0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 20, 21, 22, 23, 24, 25, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 38, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 64, 65, 66, 67, 68, 100, 122, 124, 132, 133, 134, 135, 137, 138, 139, 179, 201], [16, 19, 26, 39, 60, 61, 62, 63, 69, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 202, 203, 204, 205, 206, 207, 208], [37, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 123, 125, 126, 127, 128, 129, 130, 131, 136]]

72

76

61

hamming distance:

0.126334192124

Silhouette Coefficient:

0.470919265741