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1. Visualize the clusters

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|  | single linkage | complete linkage | average linkage |
| Euclidian distance | Accuracy: 53.3333%  Final clusters:  1: [18]  2:  [19,20,24,17,22,25,27,23,  16,26,29,28,30,5,3,6,1,7,14,  8,2,12,21,13,4,15,9,10,11] | Accuracy: 76.6667%  Final clusters:  1: [19,20,22,25,27,24,28,30]  2: [8,9,10,11,3,1,7,18,6,13,4,15,2,12] | Accuracy: 90%  Final clusters:  1: [3,18,1,7,8,9,10,11,14,6,13,4,15,2,12,21]  2: [19,20,5,22,25,27,17,23,16,26,29,24,28,30] |
| Cosine similarity | Accuracy: 66.6667%  1: [22,20,19,25,27]  2: [2,6,12,14,21,16,29,23,26,4,15,3,10,7,13,9,1,11,5,8,  17,18,30,24,28] | Accuracy: 76.6667%  1: [30,24,28,22,25,27,19,20]  2: [29,23,26,16,5,8,17,18,4,15,3,10,7,13,9,1,11,2,6,12,14,  21] | Accuracy: 76.6667%  1: [29,23,26,16,5,8,17,18,4,15,3,10,7,13,9,1,11,2,6,12,14,21]  2: [22,25,27,19,20,30,24,28] |

1. K-means

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|  | Euclidian distance | Cosine similarity |
| K-means | Accuracy: 90%  1:  [1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,18,  21]  2:  [5,16,17,19,20,22,23,24,25,26,27,28,29,  30] | Accuracy: 76.6667%  1: [1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,21,23,26,29]  2:  [19,20,22,24,25,27,28,30] |