Synthetic Data Set

{'Quality': 1.0, 'k': 1, 'Utility': 1.4426950408889634, 'Group': 0, 'Index': 113}

{'Quality': 0.5774295529529241, 'k': 2, 'Utility': 0.52559902971134997, 'Group': 1, 'Index': 197}

{'Quality': 0.5674764832045397, 'k': 3, 'Utility': 0.40934775407014928, 'Group': 1, 'Index': 83}

{'Quality': 0.4466567918258464, 'k': 4, 'Utility': 0.27752346851971843, 'Group': 3, 'Index': 417}

{'Quality': 0.8973810048418225, 'k': 5, 'Utility': 0.50083787486745734, 'Group': 0, 'Index': 486}

{'Quality': 0.5209135672593572, 'k': 6, 'Utility': 0.26769661873249734, 'Group': 2, 'Index': 202}

{'Quality': 0.8814003593496779, 'k': 7, 'Utility': 0.42386397582384355, 'Group': 0, 'Index': 85}

{'Quality': 0.4243094610000255, 'k': 8, 'Utility': 0.19311155781555669, 'Group': 3, 'Index': 262}

{'Quality': 0.4965353593502506, 'k': 9, 'Utility': 0.21564256663566203, 'Group': 2, 'Index': 424}

{'Quality': 0.555524331875896, 'k': 10, 'Utility': 0.23167164061656156, 'Group': 1, 'Index': 438}

{'Quality': 0.8804091067147484, 'k': 11, 'Utility': 0.35430268850938945, 'Group': 0, 'Index': 452}

{'Quality': 0.5505783084198035, 'k': 12, 'Utility': 0.21465465071197212, 'Group': 1, 'Index': 471}

{'Quality': 0.4205149810509688, 'k': 13, 'Utility': 0.15934287456812263, 'Group': 3, 'Index': 139}

{'Quality': 0.4885983152515538, 'k': 14, 'Utility': 0.18042439355544007, 'Group': 2, 'Index': 309}

{'Quality': 0.855879636319493, 'k': 15, 'Utility': 0.30869332672899552, 'Group': 0, 'Index': 79}

{'Quality': 0.5389359951382745, 'k': 16, 'Utility': 0.19022075985520315, 'Group': 1, 'Index': 234}

{'Quality': 0.4200539786709348, 'k': 17, 'Utility': 0.14532870296818928, 'Group': 3, 'Index': 184}

{'Quality': 0.7733088043978671, 'k': 18, 'Utility': 0.26263366633489815, 'Group': 0, 'Index': 475}

{'Quality': 0.48683672667295064, 'k': 19, 'Utility': 0.1625100917631038, 'Group': 2, 'Index': 343}

{'Quality': 0.5306360254198867, 'k': 20, 'Utility': 0.17429203964634796, 'Group': 1, 'Index': 484}

{'Quality': 0.5278042086142939, 'k': 21, 'Utility': 0.17075281772362974, 'Group': 1, 'Index': 337}

{'Quality': 0.7690895403299571, 'k': 22, 'Utility': 0.24528494947392232, 'Group': 0, 'Index': 447}

{'Quality': 0.41351900935872815, 'k': 23, 'Utility': 0.13011705636007256, 'Group': 3, 'Index': 285}

{'Quality': 0.48544576418414037, 'k': 24, 'Utility': 0.15081220606079682, 'Group': 2, 'Index': 6}

{'Quality': 0.7628029719597623, 'k': 25, 'Utility': 0.23412534375761115, 'Group': 0, 'Index': 403}

{'Quality': 0.5252071736885581, 'k': 26, 'Utility': 0.15935472386571339, 'Group': 1, 'Index': 46}

{'Quality': 0.4768454053009975, 'k': 27, 'Utility': 0.14310208267376887, 'Group': 2, 'Index': 380}

{'Quality': 0.4078050615717494, 'k': 28, 'Utility': 0.12110758369970347, 'Group': 3, 'Index': 154}

{'Quality': 0.7519076829072968, 'k': 29, 'Utility': 0.22107146352671883, 'Group': 0, 'Index': 416}

{'Quality': 0.5187433292528976, 'k': 30, 'Utility': 0.1510615207230139, 'Group': 1, 'Index': 57}

{'Quality': 0.3986598059465248, 'k': 31, 'Utility': 0.11502890500816154, 'Group': 3, 'Index': 102}

{'Quality': 0.47522321405679785, 'k': 32, 'Utility': 0.13591368120979644, 'Group': 2, 'Index': 411}

{'Quality': 0.7498244824664771, 'k': 33, 'Utility': 0.21263409604101507, 'Group': 0, 'Index': 150}

{'Quality': 0.5158117598166446, 'k': 34, 'Utility': 0.14508052401501295, 'Group': 1, 'Index': 93}

{'Quality': 0.5154046037260771, 'k': 35, 'Utility': 0.14382639315647908, 'Group': 1, 'Index': 152}

{'Quality': 0.7434928819892697, 'k': 36, 'Utility': 0.20590135250258854, 'Group': 0, 'Index': 169}

{'Quality': 0.3924782712098019, 'k': 37, 'Utility': 0.10789525085484809, 'Group': 3, 'Index': 300}

{'Quality': 0.45664078475059855, 'k': 38, 'Utility': 0.12464394730003102, 'Group': 2, 'Index': 144}

{'Quality': 0.7429459875947344, 'k': 39, 'Utility': 0.20140153584205123, 'Group': 0, 'Index': 8}

{'Quality': 0.5134959028682425, 'k': 40, 'Utility': 0.13827546460514928, 'Group': 1, 'Index': 298}

{'Quality': 0.3841464038798551, 'k': 41, 'Utility': 0.1027769822139297, 'Group': 3, 'Index': 497}

{'Quality': 0.45614451492496416, 'k': 42, 'Utility': 0.12127632162450135, 'Group': 2, 'Index': 439}

{'Quality': 0.7260448308481215, 'k': 43, 'Utility': 0.191862697455876, 'Group': 0, 'Index': 204}

{'Quality': 0.5079903171076616, 'k': 44, 'Utility': 0.1334476903252623, 'Group': 1, 'Index': 436}

{'Quality': 0.5043838608203681, 'k': 45, 'Utility': 0.13173964563066509, 'Group': 1, 'Index': 368}

{'Quality': 0.3835618294451192, 'k': 46, 'Utility': 0.099622629863530085, 'Group': 3, 'Index': 249}

{'Quality': 0.7161545697692885, 'k': 47, 'Utility': 0.18499544915166591, 'Group': 0, 'Index': 143}

{'Quality': 0.45520600948213424, 'k': 48, 'Utility': 0.11696480685480891, 'Group': 2, 'Index': 100}

{'Quality': 0.5037162479399434, 'k': 49, 'Utility': 0.12876106486107305, 'Group': 1, 'Index': 157}

{'Quality': 0.7094004985486301, 'k': 50, 'Utility': 0.18042521841363882, 'Group': 0, 'Index': 355}