



**Design Option 4**



- Cluster 1:** 109, 105, 101, 110, 106, 102, 112, 108, 104, 111, 107, 103, 121, 117, 113, 122, 118, 114, 124, 120, 116, 123, 119, 115
- Cluster 2:** 223, 219, 215, 224, 220, 216, 222, 218, 214, 221, 217, 213, 211, 207, 203, 212, 208, 204, 210, 206, 202, 209, 205, 201
- Cluster 3:** 323, 319, 315, 324, 320, 316, 322, 318, 314, 321, 317, 313, 311, 317, 303, 312, 308, 304, 310, 306, 302, 309, 305, 301
- Cluster 4:** 410, 406, 402, 411, 407, 403, 422, 418, 414, 423, 419, 415, 409, 405, 401, 412, 408, 404, 421, 417, 413, 424, 420, 416
- Cluster 5:** 524, 520, 516, 523, 519, 515, 509, 505, 501, 512, 508, 504, 521, 517, 513, 522, 518, 514, 510, 506, 502, 511, 507, 503, 524, 520, 516, 523, 519, 515
- Cluster 6:** 623, 619, 615, 622, 618, 614, 621, 617, 613, 610, 606, 602, 609, 605, 601, 608, 604
- Cluster 7:** 709, 705, 701, 710, 706, 702, 712, 708, 704, 711, 707, 703, 721, 717, 713, 722, 718, 714, 724, 720, 716, 723, 719, 715
- Cluster 8:** 824, 820, 816, 823, 819, 815, 812, 808, 804, 811, 807, 803, 821, 817, 813, 822, 818, 814
- Cluster 9:** 909, 905, 901, 910, 906, 902, 912, 908, 904, 911, 907, 903, 921, 917, 913, 922, 918, 914, 924, 920, 916, 923, 919, 915
- Cluster 10:** 1023, 1019, 1015, 1024, 1020, 1016, 1022, 1018, 1014, 1021, 1017, 1013, 1011, 1007, 1003, 1012, 1008, 1004, 1010, 1006, 1002, 1009, 1005, 1001
- Cluster 11:** 1109, 1105, 1101, 1110, 1106, 1102, 1112, 1108, 1104, 1111, 1107, 1103, 1121, 1117, 1113, 1112, 1118, 1114, 1124, 1120, 1116, 1123, 1119, 1115, 1109, 1105, 1101, 1110, 1107, 1102, 1112, 1108, 1104, 1111, 1107, 1103, 1121, 1117, 1113, 1112, 1118, 1114, 1124, 1120, 1116, 1123, 1119, 1115
- Cluster 12:** 1109, 1105, 1101, 1110, 1106, 1102, 1112, 1108, 1104, 1111, 1107, 1103, 1121, 1117, 1113, 1112, 1118, 1114, 1124, 1120, 1116, 1123, 1119, 1115
- Cluster 13:** 1309, 1305, 1301, 1310, 1306, 1302, 1312, 1308, 1304, 1311, 1307, 1303, 1321, 1317, 1313, 1312, 1318, 1314, 1324, 1320, 1316, 1323, 1319, 1315, 1109, 1105, 1101, 1110, 1106, 1102, 1112, 1108, 1104, 1111, 1107, 1103, 1121, 1117, 1113, 1112, 1118, 1114, 1124, 1120, 1116, 1123, 1119, 1115
- Cluster 14:** 1424, 1420, 1416, 1421, 1417, 1413, 1412, 1408, 1404, 1409, 1405, 1401, 1423, 1419, 1415, 1422, 1418, 1414, 1411, 1407, 1403, 1410, 1406, 1402
- Cluster 15:** 1524, 1520, 1516, 1521, 1517, 1513, 1512, 1508, 1504, 1510, 1506, 1502, 1523, 1519, 1515, 1522, 1518, 1514, 1511, 1507, 1503, 1509, 1505, 1501