

ID,Task identity,F1 score,Accuracy,AUC,Prefix length,Precision,Recall,True positive,True negative,False positive,False negative

1,knn\_simpleIndex\_noCluster,0.8318,0.4999,0.7121,1,0.7122,0.9999,6730,0,2720,1

2,knn\_simpleIndex\_noCluster,0.8319,0.4999,0.7122,2,0.7122,1,6731,0,2720,0

3,knn\_simpleIndex\_noCluster,0.5819,0.6149,0.538,3,0.8186,0.4513,3038,2047,673,3693

4,knn\_simpleIndex\_noCluster,0.7629,0.6649,0.67,4,0.7811,0.7455,5018,1314,1406,1713

5,knn\_simpleIndex\_noCluster,0.8213,0.5497,0.7042,5,0.7206,0.9548,6427,228,2492,304

6,knn\_simpleIndex\_noCluster,0.81,0.6226,0.6966,6,0.7312,0.9077,6110,474,2246,621

7,knn\_simpleIndex\_noCluster,0.8093,0.6107,0.691,7,0.7221,0.9204,6195,336,2384,536

8,knn\_simpleIndex\_noCluster,0.7197,0.5508,0.5926,8,0.7057,0.7342,4942,659,2061,1789

9,knn\_simpleIndex\_noCluster,0.7259,0.5552,0.5969,9,0.7037,0.7495,5045,596,2124,1686

10,knn\_simpleIndex\_noCluster,0.7256,0.5551,0.5967,10,0.7038,0.7488,5040,599,2121,1691

11,knn\_simpleIndex\_noCluster,0.7258,0.5559,0.597,11,0.7041,0.7488,5040,602,2118,1691

12,knn\_simpleIndex\_noCluster,0.7258,0.556,0.597,12,0.7041,0.7488,5040,602,2118,1691

13,knn\_simpleIndex\_noCluster,0.7258,0.5559,0.597,13,0.7041,0.7488,5040,602,2118,1691

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15,knn\_simpleIndex\_noCluster,0.7258,0.5558,0.597,15,0.7041,0.7488,5040,602,2118,1691

16,knn\_boolean\_noCluster,0.8318,0.4999,0.7121,1,0.7122,0.9999,6730,0,2720,1

17,knn\_boolean\_noCluster,0.8318,0.4999,0.7121,2,0.7122,0.9999,6730,0,2720,1

18,knn\_boolean\_noCluster,0.7872,0.5045,0.6614,3,0.7125,0.8794,5919,332,2388,812

19,knn\_boolean\_noCluster,0.5736,0.5656,0.4924,4,0.7139,0.4794,3227,1427,1293,3504

20,knn\_boolean\_noCluster,0.5161,0.422,0.4367,5,0.6647,0.4218,2839,1288,1432,3892

21,knn\_boolean\_noCluster,0.7153,0.4628,0.5881,6,0.7044,0.7265,4890,668,2052,1841

22,knn\_boolean\_noCluster,0.6598,0.4466,0.5309,7,0.6824,0.6387,4299,719,2001,2432

23,knn\_boolean\_noCluster,0.6614,0.4413,0.5318,8,0.6819,0.6421,4322,704,2016,2409

24,knn\_boolean\_noCluster,0.6612,0.4468,0.5314,9,0.6815,0.6421,4322,700,2020,2409

25,knn\_boolean\_noCluster,0.6607,0.4465,0.5313,10,0.6819,0.6408,4313,708,2012,2418

26,knn\_boolean\_noCluster,0.6601,0.4474,0.5307,11,0.6818,0.6397,4306,710,2010,2425

27,knn\_boolean\_noCluster,0.6599,0.4603,0.5303,12,0.6813,0.6397,4306,706,2014,2425

28,knn\_boolean\_noCluster,0.662,0.4574,0.532,13,0.6816,0.6434,4331,697,2023,2400

29,knn\_boolean\_noCluster,0.6619,0.4674,0.5319,14,0.6815,0.6434,4331,696,2024,2400

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34,knn\_frequency\_noCluster,0.7812,0.5714,0.6582,4,0.7179,0.8568,5767,454,2266,964

35,knn\_frequency\_noCluster,0.8117,0.6097,0.6961,5,0.7263,0.9199,6192,387,2333,53  
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36,knn\_frequency\_noCluster,0.7495,0.6124,0.6567,6,0.78,0.7213,4855,1351,1369,187  
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37,knn\_frequency\_noCluster,0.7858,0.5646,0.6703,7,0.7313,0.8491,5715,620,2100,10  
16  
38,knn\_frequency\_noCluster,0.7641,0.4963,0.6462,8,0.7274,0.8048,5417,690,2030,13  
14  
39,knn\_frequency\_noCluster,0.782,0.6033,0.6653,9,0.7294,0.8428,5673,615,2105,105  
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40,knn\_frequency\_noCluster,0.7583,0.585,0.6604,10,0.7687,0.7482,5036,1205,1515,1  
695  
41,knn\_frequency\_noCluster,0.7614,0.5306,0.6393,11,0.7198,0.8081,5439,603,2117,1  
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42,knn\_frequency\_noCluster,0.7613,0.5535,0.6445,12,0.7295,0.796,5358,733,1987,13  
73  
43,knn\_frequency\_noCluster,0.7599,0.557,0.6425,13,0.7283,0.7944,5347,725,1995,13  
84  
44,knn\_frequency\_noCluster,0.7795,0.576,0.6572,14,0.7191,0.851,5728,483,2237,100  
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45,knn\_frequency\_noCluster,0.7274,0.601,0.6361,15,0.7796,0.6818,4589,1423,1297,2  
142  
46,knn\_complex\_noCluster,0.8318,0.4999,0.7121,1,0.7122,0.9999,6730,0,2720,1  
47,knn\_complex\_noCluster,0.8319,0.4999,0.7122,2,0.7122,1,6731,0,2720,0  
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63,knn\_lastPayload\_noCluster,0.5819,0.6149,0.538,3,0.8186,0.4513,3038,2047,673,3  
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64,knn\_lastPayload\_noCluster,0.7629,0.6649,0.67,4,0.7811,0.7455,5018,1314,1406,1  
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80,knn\_simpleIndex\_kmeans,0.6074,0.5233,0.5143,5,0.7158,0.5276,3551,1310,1410,3180  
81,knn\_simpleIndex\_kmeans,0.5515,0.536,0.5107,6,0.7944,0.4224,2843,1984,736,3888  
82,knn\_simpleIndex\_kmeans,0.7009,0.5114,0.5717,7,0.6971,0.7048,4744,659,2061,1987  
83,knn\_simpleIndex\_kmeans,0.1238,0.5524,0.3187,8,0.7362,0.0676,455,2557,163,6276  
84,knn\_simpleIndex\_kmeans,0.6844,0.5709,0.5715,9,0.7196,0.6525,4392,1009,1711,2339  
85,knn\_simpleIndex\_kmeans,0.4015,0.5752,0.4068,10,0.7135,0.2793,1880,1965,755,4851  
86,knn\_simpleIndex\_kmeans,0.2107,0.4931,0.3046,11,0.5498,0.1303,877,2002,718,5854  
87,knn\_simpleIndex\_kmeans,0.8021,0.6197,0.7014,12,0.7596,0.8497,5719,910,1810,1012  
88,knn\_simpleIndex\_kmeans,0.2106,0.4839,0.3044,13,0.5492,0.1303,877,2000,720,5854  
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93,knn\_boolean\_kmeans,0.8319,0.4999,0.7122,3,0.7122,1,6731,0,2720,0  
94,knn\_boolean\_kmeans,0,0.5296,0.2878,4,0,0,0,2720,0,6731  
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96,knn\_boolean\_kmeans,0.6566,0.4659,0.5373,6,0.6964,0.621,4180,898,1822,2551  
97,knn\_boolean\_kmeans,0.7799,0.5499,0.6579,7,0.7198,0.8508,5727,491,2229,1004  
98,knn\_boolean\_kmeans,0.7237,0.455,0.5816,8,0.6833,0.7691,5177,320,2400,1554  
99,knn\_boolean\_kmeans,0.7229,0.4445,0.5789,9,0.6802,0.7714,5192,279,2441,1539  
100,knn\_boolean\_kmeans,0.7238,0.4433,0.5792,10,0.6795,0.7743,5212,262,2458,1519  
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103,knn\_boolean\_kmeans,0.7237,0.4437,0.5789,13,0.6793,0.7743,5212,259,2461,1519  
104,knn\_boolean\_kmeans,0.7235,0.4425,0.5786,14,0.679,0.7742,5211,257,2463,1520  
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111,knn\_frequency\_kmeans,0.2325,0.4636,0.3463,6,0.7096,0.1391,936,2337,383,5795  
112,knn\_frequency\_kmeans,0.2362,0.4493,0.3451,7,0.6975,0.1422,957,2305,415,5774  
113,knn\_frequency\_kmeans,0.2383,0.4722,0.3399,8,0.6685,0.145,976,2236,484,5755  
114,knn\_frequency\_kmeans,0.0374,0.4398,0.2929,9,0.6132,0.0193,130,2638,82,6601  
115,knn\_frequency\_kmeans,0.2263,0.4642,0.3446,10,0.7106,0.1346,906,2351,369,5825  
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154,decisionTree\_simpleIndex\_noCluster,0.8316,0.663,0.7163,4,0.7204,0.9832,6618,  
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155,decisionTree\_simpleIndex\_noCluster,0.8294,0.6743,0.7144,5,0.7218,0.9746,6560  
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156,decisionTree\_simpleIndex\_noCluster,0.8254,0.6698,0.7117,6,0.7256,0.9572,6443  
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157,decisionTree\_simpleIndex\_noCluster,0.8265,0.6729,0.7146,7,0.7288,0.9545,6425  
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158,decisionTree\_simpleIndex\_noCluster,0.827,0.6745,0.7155,8,0.7294,0.9547,6426,  
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161,decisionTree\_simpleIndex\_noCluster,0.8266,0.6718,0.7146,11,0.7286,0.9551,642  
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162,decisionTree\_simpleIndex\_noCluster,0.8264,0.6717,0.7144,12,0.7286,0.9547,642  
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168,decisionTree\_boolean\_noCluster,0.8328,0.5953,0.7161,3,0.7172,0.993,6684,84,2  
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169,decisionTree\_boolean\_noCluster,0.8317,0.6638,0.7166,4,0.7207,0.9832,6618,155  
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171,decisionTree\_boolean\_noCluster,0.8321,0.6222,0.7173,6,0.721,0.9838,6622,157,  
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172,decisionTree\_boolean\_noCluster,0.8333,0.6115,0.7196,7,0.7226,0.984,6623,178,  
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174,decisionTree\_boolean\_noCluster,0.8328,0.6119,0.7191,9,0.7227,0.9826,6614,182  
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189,decisionTree\_frequency\_noCluster,0.8286,0.6698,0.717,9,0.7285,0.9606,6466,310,2410,265  
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203,decisionTree\_complex\_noCluster,0.827,0.6745,0.7155,8,0.7294,0.9547,6426,336,2384,305  
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229,decisionTree\_simpleIndex\_kmeans,0.2297,0.4924,0.2937,4,0.5145,0.1478,995,1781,939,5736  
230,decisionTree\_simpleIndex\_kmeans,0.6363,0.584,0.5321,5,0.7127,0.5748,3869,1160,1560,2862  
231,decisionTree\_simpleIndex\_kmeans,0.778,0.5972,0.6778,6,0.7639,0.7926,5335,1071,1649,1396  
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234,decisionTree\_simpleIndex\_kmeans,0.3039,0.517,0.3171,9,0.5545,0.2093,1409,1588,1132,5322  
235,decisionTree\_simpleIndex\_kmeans,0.3009,0.5124,0.3165,10,0.554,0.2065,1390,1601,1119,5341  
236,decisionTree\_simpleIndex\_kmeans,0.3114,0.4327,0.3187,11,0.5557,0.2163,1456,1556,1164,5275  
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344,randomForest\_frequency\_noCluster,0.8286,0.6711,0.7171,14,0.7287,0.9602,6463,  
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345,randomForest\_frequency\_noCluster,0.8286,0.6709,0.717,15,0.7286,0.9603,6464,3  
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347,randomForest\_complex\_noCluster,0.8318,0.4999,0.7121,2,0.7122,0.9999,6730,0,2  
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348,randomForest\_complex\_noCluster,0.8328,0.5951,0.716,3,0.7171,0.9929,6683,84,2  
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349,randomForest\_complex\_noCluster,0.8307,0.6632,0.7139,4,0.7178,0.9857,6635,112  
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350,randomForest\_complex\_noCluster,0.8303,0.6761,0.7148,5,0.7205,0.9796,6594,162  
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351,randomForest\_complex\_noCluster,0.8273,0.6719,0.7141,6,0.7261,0.9612,6470,279  
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352,randomForest\_complex\_noCluster,0.828,0.6721,0.7167,7,0.7294,0.9575,6445,329,  
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353,randomForest\_complex\_noCluster,0.8285,0.6728,0.7174,8,0.7296,0.9583,6450,330  
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354,randomForest\_complex\_noCluster,0.8284,0.6724,0.7173,9,0.7295,0.9584,6451,328  
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355,randomForest\_complex\_noCluster,0.8283,0.6721,0.717,10,0.7293,0.9584,6451,325  
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356,randomForest\_complex\_noCluster,0.8283,0.6727,0.7172,11,0.7295,0.9581,6449,32  
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357,randomForest\_complex\_noCluster,0.8278,0.6726,0.7163,12,0.729,0.9577,6446,324  
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358,randomForest\_complex\_noCluster,0.8282,0.6722,0.717,13,0.7294,0.9581,6449,327  
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379,randomForest\_simpleIndex\_kmeans,0.2786,0.534,0.307,4,0.5385,0.1879,1265,1636,1084,5466  
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389,randomForest\_simpleIndex\_kmeans,0.27,0.538,0.3227,14,0.581,0.1759,1184,1866,854,5547  
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502,xgboost\_complex\_noCluster,0.8271,0.6723,0.7152,7,0.7285,0.9565,6438,321,2399  
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503,xgboost\_complex\_noCluster,0.8323,0.678,0.7196,8,0.7249,0.9771,6577,224,2496,  
154  
504,xgboost\_complex\_noCluster,0.8281,0.6725,0.7153,9,0.7264,0.963,6482,278,2442,  
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505,xgboost\_complex\_noCluster,0.8323,0.6783,0.7197,10,0.7252,0.9765,6573,229,249  
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506,xgboost\_complex\_noCluster,0.8315,0.6725,0.7178,11,0.7234,0.9776,6580,204,251  
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507,xgboost\_complex\_noCluster,0.8324,0.6743,0.7187,12,0.7228,0.9813,6605,187,253  
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509,xgboost\_complex\_noCluster,0.8325,0.6726,0.7183,14,0.7221,0.9828,6615,174,254  
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511,xgboost\_lastPayload\_noCluster,0.8319,0.4999,0.7122,1,0.7122,1,6731,0,2720,0  
512,xgboost\_lastPayload\_noCluster,0.8319,0.4999,0.7122,2,0.7122,1,6731,0,2720,0  
513,xgboost\_lastPayload\_noCluster,0.8328,0.5952,0.716,3,0.7171,0.9929,6683,84,26  
36,48  
514,xgboost\_lastPayload\_noCluster,0.8309,0.6636,0.7142,4,0.718,0.986,6637,113,26  
07,94  
515,xgboost\_lastPayload\_noCluster,0.8304,0.6781,0.7147,5,0.7201,0.9807,6601,154,  
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2399,293



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530,xgboost\_simpleIndex\_kmeans,0.6467,0.5877,0.5404,5,0.7145,0.5906,3975,1132,15  
88,2756  
531,xgboost\_simpleIndex\_kmeans,0.7762,0.6094,0.6776,6,0.7676,0.785,5284,1120,160  
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7,5293  
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535,xgboost\_simpleIndex\_kmeans,0.2661,0.5469,0.3235,10,0.5851,0.1722,1159,1898,8  
22,5572  
536,xgboost\_simpleIndex\_kmeans,0.2659,0.5458,0.3234,11,0.5848,0.172,1158,1898,82  
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538,xgboost\_simpleIndex\_kmeans,0.2658,0.5473,0.3231,13,0.5843,0.172,1158,1896,82  
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546,xgboost\_boolean\_kmeans,0.8291,0.544,0.7096,6,0.7135,0.9895,6660,46,2674,71  
547,xgboost\_boolean\_kmeans,0.8341,0.5536,0.7188,7,0.7193,0.9924,6680,113,2607,51  
548,xgboost\_boolean\_kmeans,0.833,0.5614,0.715,8,0.7148,0.9981,6718,39,2681,13  
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116  
563,xgboost\_frequency\_kmeans,0.7199,0.4853,0.5847,8,0.6927,0.7492,5043,483,2237,  
1688  
564,xgboost\_frequency\_kmeans,0.7255,0.4846,0.5904,9,0.694,0.7601,5116,464,2256,1  
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566,xgboost\_frequency\_kmeans,0.831,0.5704,0.7153,11,0.7197,0.9831,6617,143,2577,  
114  
567,xgboost\_frequency\_kmeans,0.8312,0.571,0.7156,12,0.7199,0.9831,6617,146,2574,  
114  
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44  
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93  
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