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1 C:\Python27_new\python.exe "C:\Program Files\JetBrains\PyCharm 2018.1\helpers\pydev\
  pydev_run_in_console.py" 55275 55276 D:/pfe/Projets/pfe/equilibrer_dataset_HBR.py
2
3 import sys; print('Python %s on %s' % (sys.version, sys.platform))
4 sys.path.extend(['D:\\pfe\\Projets\\pfe', 'D:/pfe/Projets/pfe'])
5
6 Running D:/pfe/Projets/pfe/equilibrer_dataset_HBR.py
7 count      97
8 unique      2
9 top         False
10 freq       51
11 Name: is_code_smell, dtype: object
12 RandomUnderSampler by default
13 is_code_smell
14 count      92
15 unique      2
16 top         True
17 freq       46
18 Name: is_code_smell, dtype: object
19      cycromatic_complexity ... is_code_smell
20 count      92 ...      92
21 unique      22 ...      2
22 top         1 ...      True
23 freq       16 ...      46
24
25 [4 rows x 5 columns]
26 RandomUnderSampler
27 is_code_smell
28 count      92

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29 unique      2
30 top         True
31 freq        46
32 Name: is_code_smell, dtype: object
33 cyclomatic_complexity ... is_code_smell
34 count       92 ...
35 unique      22 ...
36 top         1 ...
37 freq       17 ...
38
39 [4 rows x 5 columns]
40 AllKNN
41 is_code_smell
42 count       95
43 unique      2
44 top         False
45 freq        49
46 Name: is_code_smell, dtype: object
47 cyclomatic_complexity ... has_method_onReceive
48 count       95.000000 ...
49 mean        8.642105 ...
50 std       13.258410 ...
51 min        1.000000 ...
52 25%        2.000000 ...
53 50%        4.000000 ...
54 75%        8.000000 ...
55 max       90.000000 ...
56
57 [8 rows x 4 columns]
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58 CondensedNearestNeighbour
59     cyclomatic_complexity ... has_methode_onReceive
60 count                    51.000000 ...          51.0
61 mean                    14.235294 ...          1.0
62 std                     16.140122 ...          0.0
63 min                      1.000000 ...          1.0
64 25%                      5.500000 ...          1.0
65 50%                      8.000000 ...          1.0
66 75%                     15.000000 ...          1.0
67 max                      90.000000 ...          1.0
68
69 [8 rows x 4 columns]
70 TomekLinks
71 is_code_smell
72 count                    96
73 unique                    2
74 top                      False
75 freq                      50
76 Name: is_code_smell, dtype: object
77     cyclomatic_complexity ... has_methode_onReceive
78 count                    96.000000 ...          96.0
79 mean                     8.583333 ...          1.0
80 std                     13.201010 ...          0.0
81 min                      1.000000 ...          1.0
82 25%                      2.000000 ...          1.0
83 50%                      4.000000 ...          1.0
84 75%                      8.000000 ...          1.0
85 max                      90.000000 ...          1.0
86
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87 [8 rows x 4 columns]
88 InstanceHardnessThreshold
89 is_code_smell
90 count          92
91 unique          2
92 top            True
93 freq           46
94 Name: is_code_smell, dtype: object
95      cyclomatic_complexity ... has_method_onReceive
96 count          92.000000 ...          92.0
97 mean           8.771739 ...          1.0
98 std          13.454934 ...          0.0
99 min           1.000000 ...          1.0
100 25%          2.000000 ...          1.0
101 50%          4.000000 ...          1.0
102 75%          8.250000 ...          1.0
103 max          90.000000 ...          1.0
104
105 [8 rows x 4 columns]
106 NearMiss
107      cyclomatic_complexity ... has_method_onReceive
108 count          92.000000 ...          92.0
109 mean           8.934783 ...          1.0
110 std          13.378517 ...          0.0
111 min           1.000000 ...          1.0
112 25%          2.750000 ...          1.0
113 50%          4.000000 ...          1.0
114 75%          8.250000 ...          1.0
115 max          90.000000 ...          1.0

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File - unknown

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116
117 [8 rows x 4 columns]
118 OneSidedSelection
119 is_code_smell
120 count      59
121 unique      2
122 top      True
123 freq      46
124 Name: is_code_smell, dtype: object
125      cyclomatic_complexity ... has_method_onReceive
126 count      59.000000 ...      59.0
127 mean      12.745763 ...      1.0
128 std      15.465861 ...      0.0
129 min      1.000000 ...      1.0
130 25%      5.000000 ...      1.0
131 50%      7.000000 ...      1.0
132 75%     10.500000 ...      1.0
133 max     90.000000 ...      1.0
134
135 [8 rows x 4 columns]
136 PyDev console: starting.
137
138 Python 2.7.15 (v2.7.15:ca079a3ea3, Apr 30 2018, 16:30:26) [MSC v.1500 64 bit (AMD64)] on
    win32
139
```