

Code Smell Summary: scikit-learn-master

[Long Methods]

- Number of Long Methods / Total number of Methods: 77 / 7438

- Longest Method:

* File Name: 242least_angle.py

* Line Number: 282

* Number of Statements: 201

[Long Parameter]

- Number of Methods with Long Parameter / Total number of Methods: 447 / 7438

- Method with Longest Parameter:

* File Name: 329multilayer_perceptron.py

* Line Number: 49

* Number of Parameters: 24

[Long Branches]

- Number of Long Branches: 135

- Longest Branch:

* File Name: 242least_angle.py

* Line Number: 282

* Number of Branches: 70

[Too Many Attributes in Class]

- Number of Classes with Many Attributes: 127/722

- Class with most Attributes:

* File Name: 329multilayer_perceptron.py

- * Line Number: 39

- * Number of Attributes in Class: 42

[Too Many Methods in Class]

- Number of Classes with Many Methods: 2/722

- Class with most methods:

- * File Name: 742pyparsing.py

- * Line Number: 1081

- * Number of Methods in Class: 35

[Useless Try/Except Clauses]

- Number of Useless Try-Except / Total Try-Except: 27/519

[Shotgun Surgery]

- Smelly Class / Total Class: 549/722

- Class with Most External Functions:

- * File Name: 742pyparsing.py

- * Class Name: ParserElement

- * Number of External Function Calls: 217

[Class Cohesion]

- Classes with Low Cohesion/Total number of Classe: 0/722

[Code Complexity]

- Blocks with Cyclomatic Complexity Rank Lower than 'C' / Total Number of Code Blocks: 222/8160

[Long Lambda]

- Number of Long Lambda Functions / Number of Lambda Functions: 108/220

- Longest Lambda:

- * Filename: 708bench_sample_without_replacement.py

* Line Number: 101

* Lambda Length: 169

[Long List Comprehension]

- Number of Long List Comprehension / Number of List Comprehensions: 523/595

- Longest List Comprehension:

* Filename: 227test_discriminant_analysis.py

* Line Number: 147

* List Comprehension Length: 207



