Secrets
ABAP
Apex
C
C++
CloudFormation
COBOL
C#
CSS
Flex
Go
HTML
Java
JavaScript
Kotlin
Objective C
PHP
PL/I
PL/SQL
Python
RPG
Ruby
Scala
Swift
Terraform
Text
TypeScript
T-SQL
VB.NET
VB6
XML

Python static code analysis

Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your PYTHON code

All rules (216)   🔒 Vulnerability (29)   🐞 Bug (55)   🛡 Security Hotspot (31)   ☢ Code Smell (101)

Tags ⌄   Search by name... 🔍

Functions should not have too many lines of code
☢ Code Smell

Track uses of "NOSONAR" comments
☢ Code Smell

Track comments matching a regular expression
☢ Code Smell

Statements should be on separate lines
☢ Code Smell

Functions should not contain too many return statements
☢ Code Smell

Files should not have too many lines of code
☢ Code Smell

Lines should not be too long
☢ Code Smell

Methods and properties that don't access instance data should be static
☢ Code Smell

New-style classes should be used
☢ Code Smell

Parentheses should not be used after certain keywords
☢ Code Smell

Track "TODO" and "FIXME" comments that do not contain a reference to a person
☢ Code Smell

Module names should comply with a naming convention

Long suffix "L" should be upper case

Analyze your code

☢ Code Smell   ⌄ Minor ?

The long suffix should always be written in uppercase, i.e. 'L', as the lowercase 'l' can easily be confused with the digit one '1'.

Noncompliant Code Example

```
return 10l  // Noncompliant; easily confused with one z
```

Compliant Solution

```
return 10L
```

Available In:

sonarlint ⊙⊙ | sonarcloud ⬡ | sonarqube ⦚

naming convention

⊗ Code Smell

Comments should not be located at
the end of lines of code

⊗ Code Smell

Lines should not end with trailing
whitespaces

⊗ Code Smell

Files should contain an empty newline
at the end

⊗ Code Smell

Long suffix "L" should be upper case

⊗ Code Smell