

- 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

Expressions creating sets should not have duplicate values

Analyze your code values

Code Smell

Major ?

suspicious

A set cannot have two identical values. When a value is repeated in a set literal, only the last occurrence will remain. Thus duplicate values should be either modified or removed.

This rule raises an issue when the same value is used multiple times as a value in a set literal.

Noncompliant Code Example

```
{"one", "two", "one"} # Noncompliant

def func(a1, a2, a3):
    {a1, a2, a1} # Noncompliant.
```

Compliant Solution

```
{"one", "two", "three"}

def func(a1, a2, a3):
    {a1, a2, a3}
```

See

- [Python documentation - Set displays](#)

Available In:

sonarlint | sonarcloud | sonarqube

 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