

-  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 |

Track uses of "NOSONAR" comments

Analyze your code

 Code Smell

 Major 

 bad-practice

Any issue to quality rule can be deactivated with the NOSONAR marker. This marker is pretty useful to exclude false-positive results but it can also be used abusively to hide real quality flaws.

This rule raises an issue when NOSONAR is used.

Noncompliant Code Example


```
for d in lib_dirs:
    # NOSONAR: lib_dirs is undefined
    pass
```

Available In:


 |  | 

 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