

-  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... 

	Security Hotspot
	Using publicly writable directories is security-sensitive
	Security Hotspot
	Using clear-text protocols is security-sensitive
	Security Hotspot
	Expanding archive files without controlling resource consumption is security-sensitive
	Security Hotspot
	Signalling processes is security-sensitive
	Security Hotspot
	Configuring loggers is security-sensitive
	Security Hotspot
	Using weak hashing algorithms is security-sensitive
	Security Hotspot
	Disabling CSRF protections is security-sensitive
	Security Hotspot
	Using non-standard cryptographic algorithms is security-sensitive
	Security Hotspot
	Using pseudorandom number generators (PRNGs) is security-sensitive
	Security Hotspot
	Constants should not be used as conditions
	Code Smell
	"SystemExit" should be re-raised

"yield" and "return" should not be used outside functions

Analyze your code

 Bug  Blocker 

yield and return only make sense in the context of functions. Using them outside a function raises a `SyntaxError`. To break out of a loop, use `break` instead.


Noncompliant Code Example

```
class MyClass:
    while True:
        return False #Noncompliant
```


Available In:


© 2008-2022 SonarSource S.A., Switzerland. All content is copyright protected. SONAR, SONARSOURCE, SONARLINT, SONARQUBE and SONARCLOUD are trademarks of SonarSource S.A. All other trademarks and copyrights are the property of their respective owners. All rights are expressly reserved. [Privacy Policy](#)

 Code Smell


Bare "raise" statements should only be used in "except" blocks

 Code Smell


Comparison to None should not be constant

 Code Smell

"self" should be the first argument to instance methods

 Code Smell

Function parameters' default values should not be modified or assigned

 Code Smell