

- 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... 🔍

Allowing both safe and unsafe HTTP methods is security-sensitive

Security Hotspot

Creating cookies without the "HttpOnly" flag is security-sensitive

Security Hotspot

Creating cookies without the "secure" flag is security-sensitive

Security Hotspot

Using hardcoded IP addresses is security-sensitive

Security Hotspot

Regular expression quantifiers and character classes should be used concisely

Code Smell

Character classes should be preferred over reluctant quantifiers in regular expressions

Code Smell

A subclass should not be in the same "except" statement as a parent class

Code Smell

Walrus operator should not make code confusing

Code Smell

Jump statements should not be redundant

Code Smell

"pass" should not be used needlessly

Code Smell

"except" clauses should do more than raise the same issue

Code Smell

Boolean checks should not be inverted

Replacement strings should reference existing regular expression groups

Analyze your code

Bug Major regex

The regex function `re.sub` can be used to perform a search and replace based on regular expression matches. The `repl` parameter can contain references to capturing groups used in the `pattern` parameter. This can be achieved with `\n` to reference the `n`'th group.

When referencing a nonexistent group an error will be thrown for Python < 3.5 or replaced by an empty string for Python >= 3.5.

Noncompliant Code Example

```
re.sub(r"(a)(b)(c)", r"\1, \9, \3", "abc") # Noncompliant -
```

Compliant Solution


```
re.sub(r"(a)(b)(c)", r"\1, \2, \3", "abc")
```

See


- [re.sub](#) - Python Documentation

Available In:


sonarlint | sonarcloud | sonarqube

 Code Smell


Unused local variables should be removed

 Code Smell

Local variable and function parameter names should comply with a naming convention

 Code Smell

Field names should comply with a naming convention

 Code Smell