

Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your PL/SQL code

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Vulnerability (4)

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Tags

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"INSERT" statements should explicitly list the columns to be set

Analyze your code

 Code Smell
 Critical

 sql

An `INSERT` statement that does not explicitly list the columns being inserted into, as well as the values being inserted, is dependent for correct functioning on the structure of the table not changing. Additionally, not having the explicit column list degrades the readability and understandability of the code. Therefore, `INSERT` statements should always contain an explicit column list.

Noncompliant Code Example

```
INSERT INTO PERSONS VALUES (1, 'DUPONT', 'Marcel')
```

Compliant Solution

```
INSERT INTO PERSONS (ID, LAST_NAME, FIRST_NAME)
VALUES (1, 'DUPONT', 'Marcel')
```

Available In:

sonarlint  | sonarcloud  | sonarqube  Developer Edition