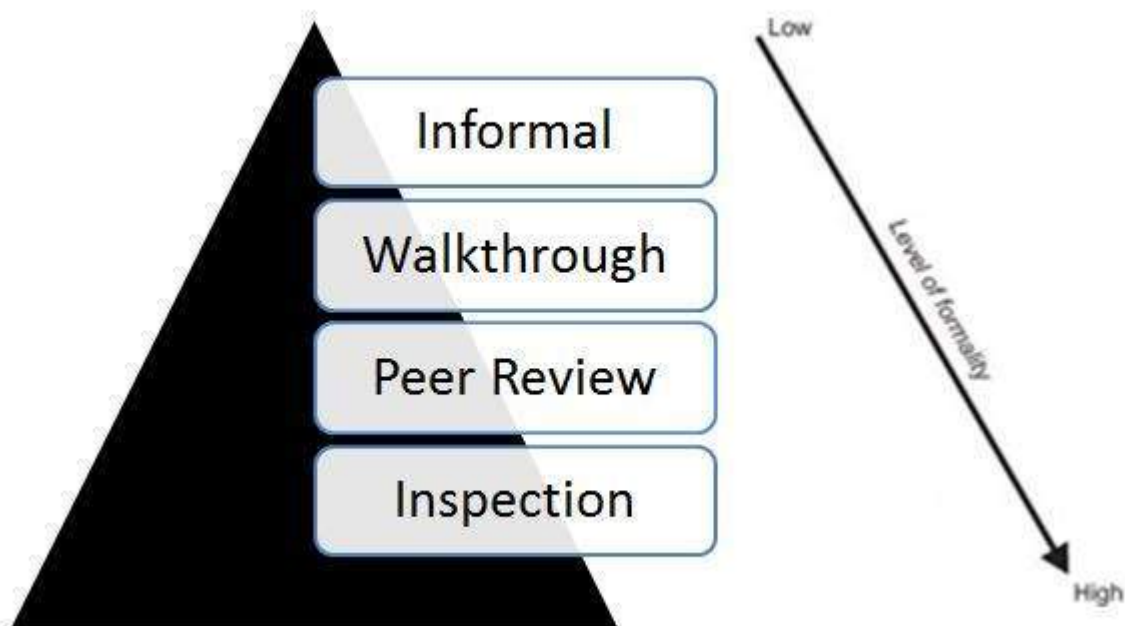# CODE FREE TESTING

What is Code Free Testing?

Code free testing, a testing technique performed without the execution of code. The static testing techniques such as review and static analysis are part of code free testing.

- Review - Typically used to find and eliminate errors or ambiguities in documents such as requirements, design, test cases, etc.

- Static analysis - The code written by developers are analysed *usuallybytools* for structural defects that may lead to defects.

Types of Reviews:

The types of reviews can be given by a simple diagram:

Static Analysis - By Tools:

Following are the types of defects found by the tools during static analysis:

- A variable with an undefined value

- Inconsistent interface between modules and components

- Variables that are declared but never used

- Unreachable code *or* Dead Code

- Programming standards violations

- Security vulnerabilities

- Syntax violations

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