Tool :- Kiuwan

Introduction to tool :-

[6th URL] ***Kiuwan****is the Optimyth cloud solution platform for****Enterprise Software Analytics.***

Download and configuration details :-

Need to vist :- <https://www.kiuwan.com/>

Basically, two download options

1. Free trial :- If it is for non business purpose, they asked to go with their github free repo which can be used as a free open source software. For scanning our code base, it should be in the same github account.
2. Local analyser :-

Usage of Tool :-

[8th URL]

* *Correct****development and maintenance costs management****, when it is carried out either by themselves or others resources,*
* *Reduce****issues****—bugs— of the technical requirements —non-functional or structural— of its applications: security, performance, efficiency ...*
* ***Align developed applications with the business****,*
* ***Increase the productivity****of the projects, or*
* ***Gain greater control****—government— of their application development or maintenance****outsourcing****.*

Strengths and weaknesses :-

[2nd URL] *Support for over 20 languages, including*[*Objective-C*](https://en.wikipedia.org/wiki/Objective-C)*,*[*Java*](https://en.wikipedia.org/wiki/Java_(programming_language))*,*[*JSP*](https://en.wikipedia.org/wiki/JavaServer_Pages)*,*[*JavaScript*](https://en.wikipedia.org/wiki/JavaScript)*,*[*PHP*](https://en.wikipedia.org/wiki/PHP)*,*[*C*](https://en.wikipedia.org/wiki/C_(programming_language))*,*[*C++*](https://en.wikipedia.org/wiki/C%2B%2B)*,*[*ABAP*](https://en.wikipedia.org/wiki/ABAP)*,*[*COBOL*](https://en.wikipedia.org/wiki/COBOL)*,*[*JCL*](https://en.wikipedia.org/wiki/Java_Class_Library)*,*[*C#*](https://en.wikipedia.org/wiki/C_Sharp_(programming_language))*,*[*PL/SQL*](https://en.wikipedia.org/wiki/PL/SQL)*,*[*Transact-SQL*](https://en.wikipedia.org/wiki/Transact-SQL)*,*[*SQL*](https://en.wikipedia.org/wiki/SQL_(programming_language))*,*[*Visual Basic*](https://en.wikipedia.org/wiki/Visual_Basic)*,*[*Visual Basic .NET*](https://en.wikipedia.org/wiki/Visual_Basic_.NET)*,*[*Android (operating system)*](https://en.wikipedia.org/wiki/Android_(operating_system))*.*

[3rd URL] *Kiuwan is one of the tools in the Open Web Application Security Project (*[*OWASP*](https://en.wikipedia.org/wiki/OWASP)*) source code analysis tools list.*[*[1]*](https://en.wikipedia.org/wiki/Kiuwan#cite_note-1)*It was also finalist for IBM Beacon Awards 2015.*[*[2]*](https://en.wikipedia.org/wiki/Kiuwan#cite_note-2)

User Reviews of the tool :- https://www.itcentralstation.com/products/kiuwan

Snapshots of tool usage using selected code samples :-

outcome of the tool :-