

5 – Improve Code Quality with Amazon CodeGuru Reviewer

In this course, I learned the following.

- What is AWS CodeGuru Reviewer and AWS CodeGuru Profiler, and what their differences. In short, AWS CodeGuru Reviewer analyzes code for best practices and defects, while CodeGuru Profiler optimizes runtime performance of applications.
- What is the workflow of using CodeGuru through the development process: reviewing/measuring/improving
- I've watched demonstrations on how to use it to improve my code quality:
 - How to Associate GitHub and Repositories
 - How to Associate CodeCommit Repositories
 - How to review my code
 - How to review my repository
- What I found interesting also is that it can be used on diverse repositories (AWS CodeCommit, BuBucket, GitHub)
- I learned that we can use CodeGuru Reviewer through pull-request, but we can also request to review the entire repository without issuing a pull request, which is useful when you introduce CodeGuru to your code the first time.
- For a pull-request, comments are directly integrated in the service (GitHub for example) as a human would do!
- For a repository review, all the comments are listed and linked to the specific part of the code so it's easy to navigate and make required modifications