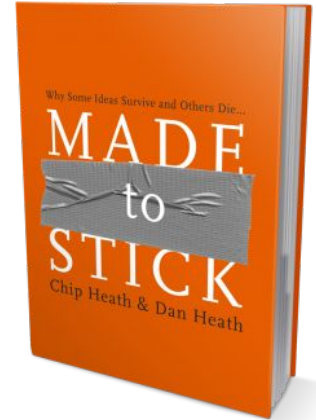

How CI/CD Will Benefits Us

Goodness Chris-Ugari

What is CI/CD

CI/CD contains a set of methods and concepts that allow development teams to deliver trustworthy solutions to clients much more quickly.

With the least amount of manual involvement, these procedures enable individual developers to build, integrate, test, and deploy their code into the main branch or repository, and ultimately into the production environment.





How Does CI/CD WORK

Developers integrate code changes into the primary code base as frequently as feasible via continuous integration, which is the "CI" in CI/CD. Typically, the aim is to do so every day. The integration process is accelerated and streamlined through the use of automated tools, which eliminates what was formerly the main bottleneck in the software development cycle. Individual developers would work on various application aspects independently under the previous waterfall development paradigm, and manually combining their contributions was a time-consuming and laborious procedure. It was far too typical.



Benefits of CI/CD

→ Improved Code Quality

Small batches of code are released by developers into a shared repository, allowing for simultaneous testing. They typically share their builds with the entire team rather than working alone, this prevents problematic code from reaching the production stage. Implementing CI/CD thereby promotes corporate growth by delivering high-quality releases with fewer mistakes and problems.

→ Loyal Customer Base

Customers' insistence on on-demand delivery experiences offers little room for mistakes and problems. By reducing lead and response times, CI/CD implementation minimizes release risk while maximizing developer time. You can solidify client loyalty and deliver outstanding experiences by maintaining a stable operational environment and responding to production requirements more quickly.

→ Reduced Cost

Delivering high-quality, custom solutions to deal with industry-specific problems necessitates finding a method to satisfy the short deadlines set by competitors. Adopting CI/CD is the ideal solution to reduce the amount of time needed to complete a project and launch new features. The likelihood of achieving challenging time-to-market objectives increases with the length of the development cycle.

Save Cost With CI/CD

Cut down on
expensive
downtimes

Cut down on
troubleshooting
costs

Cut down on
onboarding &
turnover costs



Thank you!

Together we can make the best decisions for the growth of the organization.