



CI CD

The Way for Better Revenue
And Less Cost

Automates Products Life For Better Shipping To Market

Continuous Integration (CI):

CI helps making developers tasks more efficient so that software can get to production in a faster and better way.

CI automates many processes that happen everyday and eliminates human error factor from them

That applies to these development phases :

- Building
- Compiling
- Testing
- Analyzing
- check for security vulnerability

Continuous Deployment (CD):

CD automates all deployment phases which guarantees frequently delivering values and moving forward

CD saves time and cost by reacting fast to issues .

That applies to these Deployment phases :

- Create and Configure Infrastructure
- Smoke Tests
- Rollback and Revert changes if needed
- Promote to production once ready smoothly

Benefits of CI/CD

- Reduce Cost by spending less time on issues from new code or new developer and that by detecting compile errors faster after merging
- Avoiding extra cost by having less bugs in production and testing faster and that by catching unit test failures
- Avoiding extra cost and embarrassment by detecting security vulnerabilities.
- Avoiding extra cost and faster deployment by having less human factor and less human error in create& configure infrastructure

Benefits of CI/CD

- Reducing cost by having less unused resources from automate infrastructure cleanup
- Increasing revenue by faster releasing of value features
- Increasing revenue by shipping production faster to market without manual checks
- Protecting revenue by reducing downtime from a deploy-related crashes and that by automating smoke tests
- Protecting revenue by quick undo and return production to working state and that by automates rollback triggered by failure jobs