



CI/CD — A Good Way to Build Products

Continuous Integration (CI)

Steps in our stage like: compiling, testing, running analysis, checking for vulnerabilities in the our dependencies and storing the code artifacts.

Continuous Deployment (CD)

Steps in our stage like: setting up infrastructure, provisioning servers, copying files, smoke testing, promoting to production and even rolling back a change if something went wrong.

Pros of CI/CD for business

Catch Unit Test Failures: Having less bug in our live app and spending less time doing manual testing would help us to avoid cost.

Automated Smoke Tests: This would protect our revenue by reducing downtime caused by deploy-related crash or bugs.

Faster and More Frequent Production Deployment: We would get more revenue by shipping value generating features more frequently to the customers, this would also help us to get feedback early and stay ahead.

Pros of CI/CD for business (cont.)

Detect Vulnerabilities: This would enable us to easily detect serious security flaws that would be embarrassing if it had made it to the public. This would save us money trying to win back the customers' trust and rebuilding our image.

Auto-deploy to Production: Less time to market would help us to increase our revenue.