



CI/CD

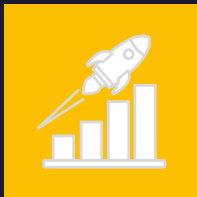
FOR UDAPEOPLE ORGANIZATION



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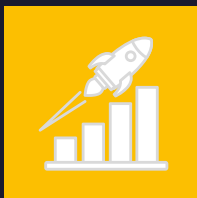


What is CI/CD



Continuous Integration

Continuous integration (CI) involves the practice of automating the integration of code changes from multiple contributors into a single software project



Continuous Deployment

Continuous deployment is the final phase of the pipeline. The deployment phase is responsible for automatically launching and distributing the software artifact to end-users

Why we need it now !



Technical Value
Faster bug fixes



Technical Value
Better code quality



Technical Value
Maximized creativity



Technical Value
Make easier rollbacks



Business Value
Avoid Extra Cost



Business Value
Protect Revenue



Business Value
Protect Revenue



Business Value
Avoid Extra Cost

BusinessValues



Velocity

Automated software delivery pipelines help organizations respond to market changes better. The need for speed is of utmost importance to reduce shelf time of new features.



Productivity

Productivity increases when tedious and repetitive tasks, like filling out a bug report for every defect discovered, can be performed by pipelines instead of humans.



sustainability

CD provides the business with more flexibility in how it delivers features and fixes. Specific sets of features can be released to specific customers, or released to a subset of customers, to ensure they function and scale as designed.



Conclusion

The goal of the continuous integration and continuous delivery (CI/CD) pipeline is to enable teams to release a constant flow of software updates into production to quicken release cycles, lower costs, and reduce the risks associated with development.

