



Benefits of CI/CD

Continuous Deployment/Continuous Integration for

UdaPeople

Why CI/CD?

Continuous Deployment and Continuous Integration is a practice that enables software teams to deliver software more frequently to users

Increased Revenue

- What CI/CD means for UdaProduct:
 - It can be deployed to production without manual checks. This means that UdaProduct will take less time to market, thus resulting in an increase in revenue.
 - It results in more faster and frequent deployments which allows for more value generating features to be added more quickly. This means that the users of the UdaProduct can expect new features in a timely manner. This can increase revenue.

Protects Revenue

- What CI/CD means for UdaProduct :
 - CI/CD can perform automatic smoke tests which reduces the downtime from deployment-related crashes. This can help to the protect revenue
 - CI/CD can also automate rollbacks when triggered by a job failure. So if there is an issue with deploying to production, it can be quickly undone and production would automatically shift back into the working state. Thus protecting revenue.

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Avoid Cost

- What CI/CD means for UdaProduct:
 - It can catch unit test failures and security vulnerabilities. This means that less bugs will be in production, and it can also help to prevent embarrassing security lapses. This can to avoid cost as well as protect the company's reputation.
 - With CI/CD, infrastructure can also be created automatically which means there is less chance for human error which can also result in faster deployments. Such a strategy can help to avoid cost.

Reduced Cost

- What CI/CD means for UdaProduct :
 - Just like how CI/CD can automatically create infrastructure, it can also automatically cleanup infrastructure. This means there will be less infrastructure costs from unused resources. Ultimately, this will reduce cost for the firm.
 - CI/CD can also catch compile errors after merge. This can result in less time spent on issues with new developer code. This will increase the code quality thus making the project have a longer lifespan as well as reduce costs.



Thank You

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