



Fundamentals of CI/CD



What is CI/CD

CI/CD means delivering apps frequently by incorporating automation into the stages of app development.

The main concepts attributed to CI/CD are continuous integration, continuous delivery, and continuous deployment.



Benefits

Smaller code changes

Reduce Human Error

Faster release rate

Faster error resolution time

Team satisfaction

Which leads to Reducing,
Avoiding Costs and Increasing,
Protecting Revenue



Functions

We will have more releases which makes the customer satisfied and happy with the progress which will makes the customer happy to extend the contract and recommend us to other clients and it leads to increase in revenue

Less downtimes and less embarrassing security holes or errors which will result to cost reduction



Costs

The cost of migrating to CI/CD is determined by how much money you are willing to invest in high-quality automated testing. As a result, the cost varies based on where you are in your testing process. The expense of completing most or all of your testing manually may be higher than if you have a robust suite of automated tests, including end-to-end tests.

But in the end, CI/CD will cover its costs by
Reducing, Avoiding Error/Downtime Costs, and
Increasing, Protecting Revenue

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