



UDA PEOPLE

BENEFITS OF CI/CD

ACHIEVE, BUILD, AND DEPLOY
AUTOMATION FOR CLOUD-BASED
SOFTWARE PRODUCTS



Introduction to CI/CD

CI/CD is a set of development practices aimed at automating the building, testing, and deployment of applications. Continuous integration focuses on integrating work from individual developers into a main repository multiple times a day to catch integration bugs early and accelerate collaborative development. Continuous delivery is concerned with reducing friction in the deployment or release process, automating the steps required to deploy a build so that code can be released safely at any time. Continuous deployment takes this one step further by automatically deploying each time a code change is made.



WHY CI/CD?

Less Bugs in production

Implementing CI/CD will lead to Fewer bugs in production and less time in testing. This will help the company avoid the costs used in fixing bugs in the production stage.

Return app to a working state

Quickly return our app to a working state, just in case we apply updates in production that are not working as expected. This will help us protect revenue as we will reduce the time our app is not functioning well and hence not losing users.

Low Downtime

Using CI/CD will help decrease the downtime from a deploy-related crash or major bug. This will help in protecting our revenue.

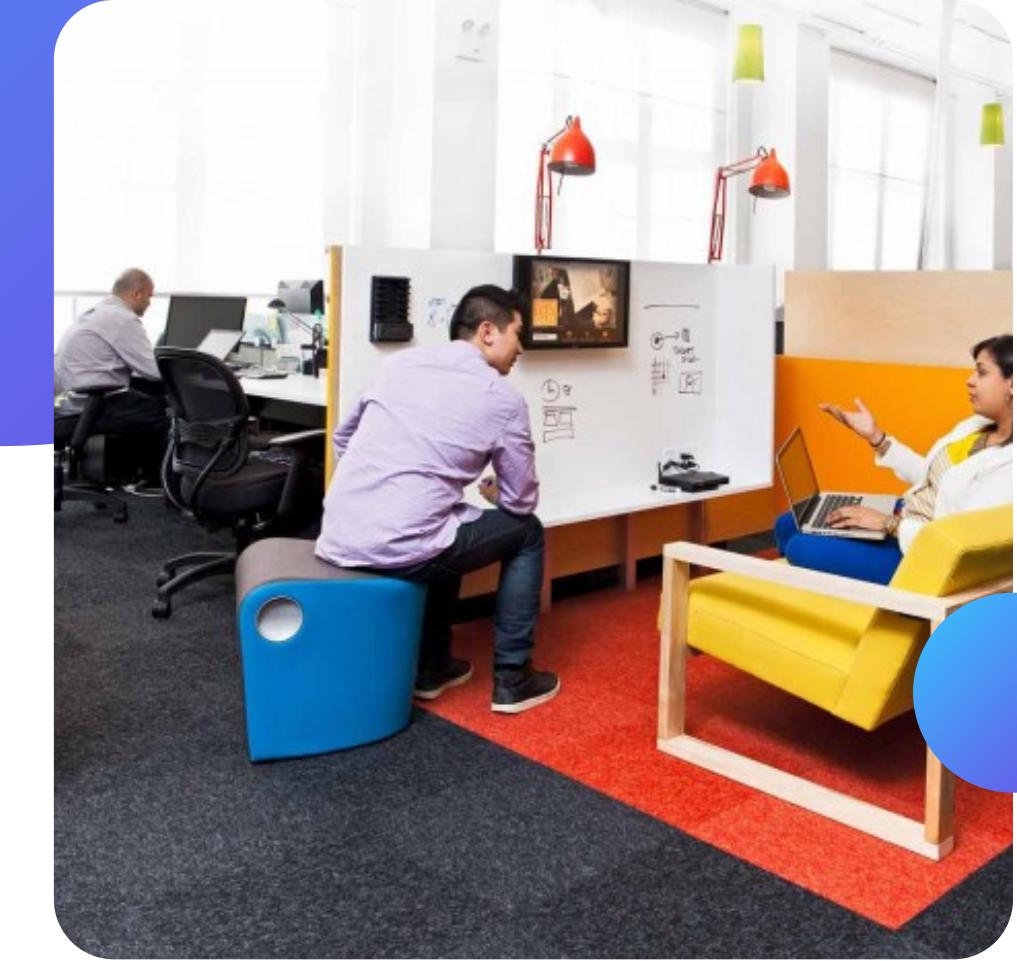
Faster to Market

When we use CI/CD the time taken to bring the app to the market will significantly reduce, which will increase revenue.





WHY CI/CD?



Prevent Security Holes

Having CI/CD in the picture will help us prevent embarrassing or costly security holes. This will help us to avoid the cost of fixing the holes.

Faster Feature Release

Implementing CI/CD strategies will help new value-generating features to be released more quickly and hence, increase revenue.

Less Human Errors

CI/CD will help to reduce human errors and faster deployments. This will help in cost saving.

Less Infrastructure Costs

Using CI/CD will lead to fewer infrastructure costs from unused resources, helping save on costs.



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Thank You

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