



CI/CD Proposal





What is CI / CD

CI and CD stand for **continuous integration and continuous delivery**

Continuous delivery is a software development practice where code changes are automatically prepared for a release to production. A pillar of modern application development, continuous delivery





Why CI /CD

Continuous delivery lets developers automate testing beyond just unit tests so they can verify application updates across multiple dimensions before deploying to customers. These tests may include UI testing, load testing, integration testing, API reliability testing, etc.

CI / CD can take care about the infrastructure creation and promoting website to servers

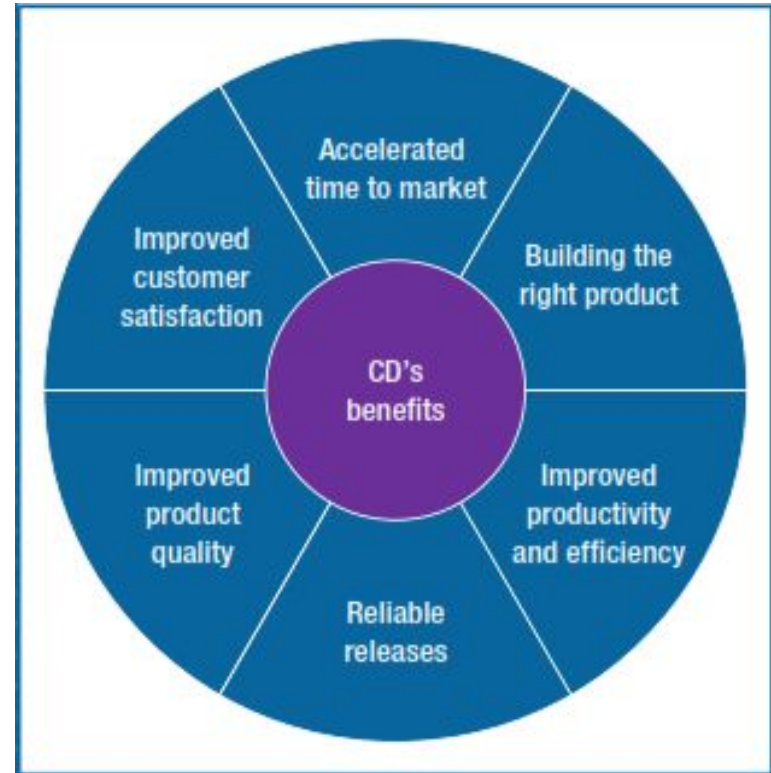
This Gives more confidence about production running code

Devops Engineer now do not have to look behind deployment everytime , so they can Focus more on other work

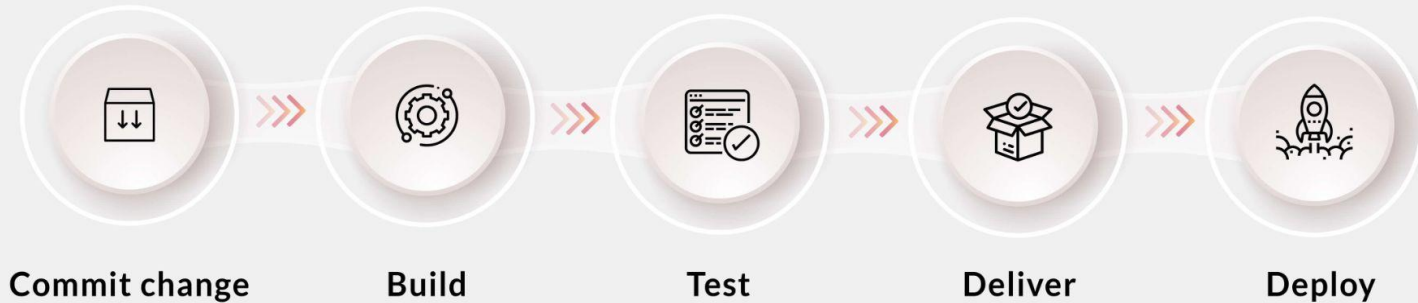


Advantages of CI /CD

- Repeatable Reliable Process
- Automate Everything
- Version Control Everything
- "Done" Means Released
- Everyone is Responsible
- Continuous Improvement



CI/CD Process





Cost Benefits of Ci /Cd

- Time === money
 - Less time to deploy new feature to production
- More Confidence
 - each build need to pass production checks
- Minimal Human Intervention
 - Thanks to automation deployment will need minimal attention
- Something Goes wrong
 - Easy to revert
- Happy Customer === more money



Thank you.

