CI/CD Benefits

Overview

Continuous integration *involves all the steps of source code management, From code changes made in iterations to features/major changes in the code base.*

Continuous deployment *involves all the uses/steps of built code (artifacts) and deployment in the hands of end users .*

Continuous Integration

1 Early Feedbacks and lead time

2 Increased Deployment frequency

3 Reduced downtime to restore services

4 Change the failure rate by catching compile errors

Business Benefits

- Iterate on features faster
- Reduce cost with more reliable software
- Find problems easily
- Greater transparency and communication

Continuous Deployment

1 Release features automatically and faster

2 Automated rollbacks for failed deployments

3 Improved transparency and encourage frequent feedbacks from teams and users

4 Faster and frequent deployments to production environment

Business Benefits

- Increase Revenue

- Faster feature delivery to customers

- Automated deployments to reduce costs and labour