

# BENEFITS OF CI/CD

## ► **Faster production release cycles:**

With CI/CD, we can release applications to production more often after thorough testing. This automated process always keeps the application code in a release-ready state as making frequent changes to the code has become a routine in modern software development.

The faster the release cycles, the higher the chances are to meet our ambitious time-to-market goals.

## ► **Cost reduction and increased profit:**

Implementing CI/CD helps reduce the cost of software development as our build, test, and deploy phases are usually automated. Unused infrastructure can also be easily cleaned up in an automated fashion thereby reducing more costs and improving profit.

# BENEFITS OF CI/CD

## ► **Easy Maintenance & Updates:**

By automating the various phases of our software development, we can be sure that they're less prone to human errors and easier to manage by the team.

## ► **Superior code quality:**

As developers check-in code in small batches, we could conduct automated testing with CI/CD, and catch/fix serious bugs early in our deployment process. Thus, CI/CD adoption promotes business growth by providing high-quality releases that have fewer errors/bugs.

# BENEFITS OF CI/CD

## ► Quick rollback:

By adopting CI/CD, we can easily and quickly rollback any faulty change in our production environment and return the environment back to a working state. This helps us improve our Mean Time to Resolution (MTTR).