Benefits of CI/CD For Udapeople

Reduce cost

With ci/cd we can reduce costs by

1) Catching compile errors after merge which makes the developers spend less time on issues from new developer codes and more time on more productive aspects of the business

2) Automate infrastructure cleanup which leads to the company spending less on unused resources that havent been cleaned up

Avoid cost

With ci/cd we can avoid extra costs by

1)catch unit tests failures which leads to less bug in productions and less time testing.

2)Detect security vulnerabilities which makes us avoid costy security loopholes in production

3)Automate infrastructure creation which leads to less human error and ster deployments, shipping features faster to users

Increase Revenue

With ci/cd we can increase revenue by:

1) Faster and more frequent production deployments, which leads to new value generating features beign released faster

2) Deploy to production without manual checks giving us less time to marker

Protect Revenue

With ci/cd we can protect revenue by;

1) automated smoke tests which reduce downtime from a deploy related crash or major bug
2) Automated rollback triggered by failures, which is a quick undo to return production to a working state thereby avoiding down time.