

Benefits Of CI/CD

1- Reduce Cost

- ❖ **Catch Compile Errors After Merge**

- Less developer time on issues from new developer code

- ❖ **Automate Infrastructure Cleanup**

- Less infrastructure costs from unused resources

2- Avoid Cost

- ❖ **Catch Unit Test Failures**

- Less bugs in production and less time in testing

- ❖ **Detect Security Vulnerabilities**

- Prevent embarrassing or costly security holes

- ❖ **Automate Infrastructure Creation**

- Less human error, Faster deployments

3- Increase Revenue

- ❖ **Faster and More Frequent Production Deployments**

- New value-generating features released more quickly

- ❖ **Deploy to Production Without Manual Checks**

- Less time to market

4- Protect Revenue

- ❖ **Automated Smoke Tests**

- Reduced downtime from a deploy-related crash or major bug

- ❖ **Automated Rollback Triggered by Job Failure**

- Quick undo to return production to working state