

UdaPeople - CICD

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CI/CD

- Continuous Integration (CI) – Practice of merging every developer's working code into a shared mainline several times a day
- Continuous Deployment (CD) – Continuous delivery of software through automated deployments

Continuous Integration + Continuous Deployment = Continuous Delivery

CI Benefits

- Incorporating CI and CD into our workflow has many benefits:
- Less developer time on issues from new code
- Fewer bugs in production and less time in testing
- Detect security vulnerabilities
- Reduce costs
- Avoid costs
- Avoid costs

CD Benefits

- Faster and more frequent deployments
- Automated smoke tests
- Automated Rollback
- Automated infrastructure
- New value-generating features released more quickly
- Reduced downtime
- Quick return to production
- Less human error and less time to market