CI/CD Benefits

The CI/CD Pipeline
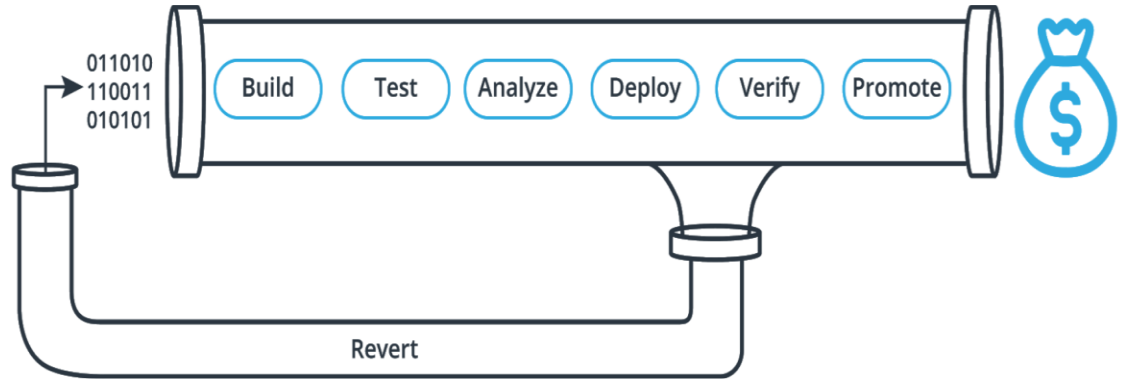
011010
110011
010101

Build Test Analyze Deploy Verify Promote

Revert

Where CI/CD can fit ?

CI can fit in :

- Compile/Lint

- Merge/Integrate

- Run Unit Tests

- Run Integration Tests

- Verify Dependency Security

CD can fit in :

- Deploy to Test Environment

- Team Test

- Deploy to Client Test Environment

- Create Infrastructure

- Deploy to Production

CI/CD translation to reduce cost

01

Less developer time on issues from new developer code

02

Less bugs in production and less time in testing

03

Prevent embarrassing or costly security holes

04

Less human error, Faster deployments

05

Less infrastructure costs from unused resources

CI/CD translation to increase revenue

01

New value-generating features released more quickly

02

Less time to market

03

Reduced downtime from a deploy-related crash or major bug

04

Quick undo to return production to working state