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Business Values From CI/CD

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CI/CD Components

Continuous Integration

The practice of merging all developers' working copies to a shared mainline several times a day.

Continuous Delivery / Deployment

Continuous Delivery: An engineering practice in which teams produce and release value in short cycles.

Continuous Deployment: A software engineering approach in which the value is delivered frequently through automated deployments.

Reduce Cost

Business Value

- Whenever we catch compile errors after merge, the result will be reduce cost by less developer time on issues from new developer code.

- When you automate the infrastructure cleanup, which results in less infrastructure costs from unused resources

Avoid Cost

Business Value

- Whenever we catch unit test failures, the result will be Less bugs in production and less time in testing.

- When you Detect Security Vulnerabilities, which results in Prevent embarrassing or costly security holes.

- When you automate infrastructure creation, the result will be less human error, Faster deployments

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Increase Revenue

Business Value

- Whenever there are faster and more frequent production deployments, New value-generating features released more quickly.

- Whenever you deploy to production without manual checks, there will be less time to market.

Protect Revenue

Business Value

- When you do automated the smoke tests, you will reduced downtime from a deploy-related crash or major bug.

- When you do automated rollback triggered by job failure, you will get quick undo to return production to working state .

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THANK YOU!

Business Value out of CI/CD