

A photograph of two women in a room. The woman in the foreground is a young Asian woman with short blonde hair, wearing a dark blue sweater with white stripes on the sleeves and a white collared shirt underneath. She is smiling and looking towards the right. Behind her is another woman with dark skin and curly hair, also smiling. The background wall is white and covered with several small, rectangular photographs. The lighting is bright and natural.

20XX

Business Values From CI/CD

Bassam Basamad

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
-

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 .



20XX

THANK YOU!

Business Value out of CI/CD