CI/CD

Is a Better Way To Build And Ship To Market

Continuous Integration and Its Benefits (CI)

- Definition: It's a Practice Merging All Developers' Working Copies To a Shared Mainline Many Times In a Day.

- Benefits: 1- Less developer time in issue from new developer code that leads to reduce cost

2- less bugs in production and less time in testing that leads to avoid costs.

3- prevent embarrassing or costly security holes that leads to avoid costs.

- Its all About Code and "Dev" Workflow.

Continuous Deployment and Its Benefits (CD)

- Definition: Software approach that deliver a value frequently through automated deployments without human interaction.

- Benefits: 1- less human error, faster deployments and that leads to avoid costs that human error might cause.

- 2- less infrastructure costs from unused resources and that will reduce the costs.

- 3- New value by generating new features released more quickly that will lead us to increase revenue.

- 4- less time to market (increase revenue)

- 5- quick undo to return production to working state (protect revenue).

- Its all About Code and "Ops" Workflow.