code

release

plan

continuous testing

deploy

build

CI

CD

monitor

operate

A Better Way to Ship & Produce in the Market
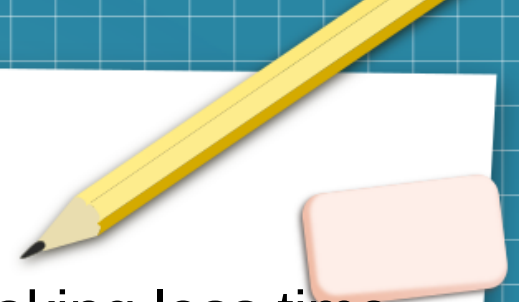
Continuous Integration

- CI provides faster workflow by allowing development tasks to be developed independently.

- It also provides faster feedback on business decisions because tests can be done faster which translates in less time and lower budgets.

- It's all about code & Dev workflow.

- CI can help with several phases such as: Build, Unit testing and Static analysis.
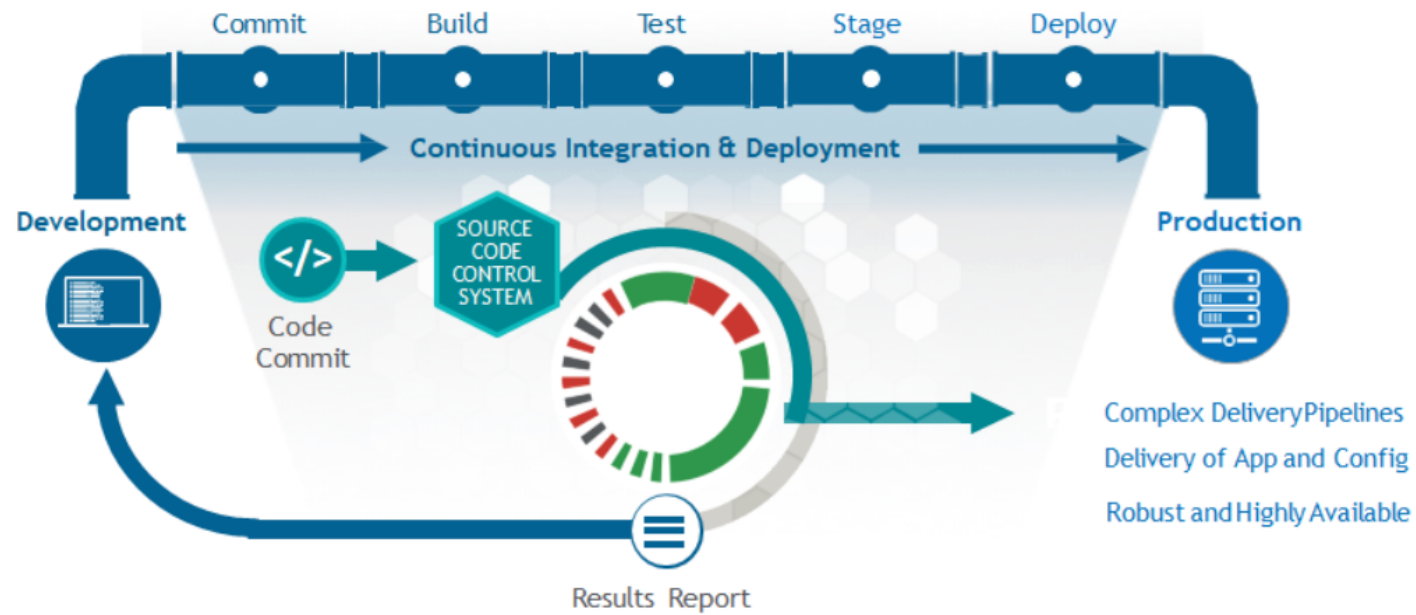
Continuous Deployment

- CD is mainly about deploying the artifact automatically in a way where jobs can follow each other to maintain best output and results for better development operation until the end.

- In CD the product is being tested and delivered to the customers or users to serve their needs and gets the revenue without human interaction.

- It's all about deployment & Ops workflow.

- CD help with several phases such as Provisioning infrastructure, Configuring infrastructure, Promotion, Smoke testing and more.

Benefits of CI/CD

- Avoiding cost by avoiding more bugs in production, taking less time in testing, preventing costly security holes and human errors.

- Reducing cost by making developer time lower on issues and also less infrastructure costs from unused resources.

- Increasing revenue as new features can be released quicker and also in less time to be launched to the market.

- Protecting revenue by reduced downtime that can be caused by a bug or a deployment crash, also quick rollback to return production to the working state.

Thank you for your time and attention.