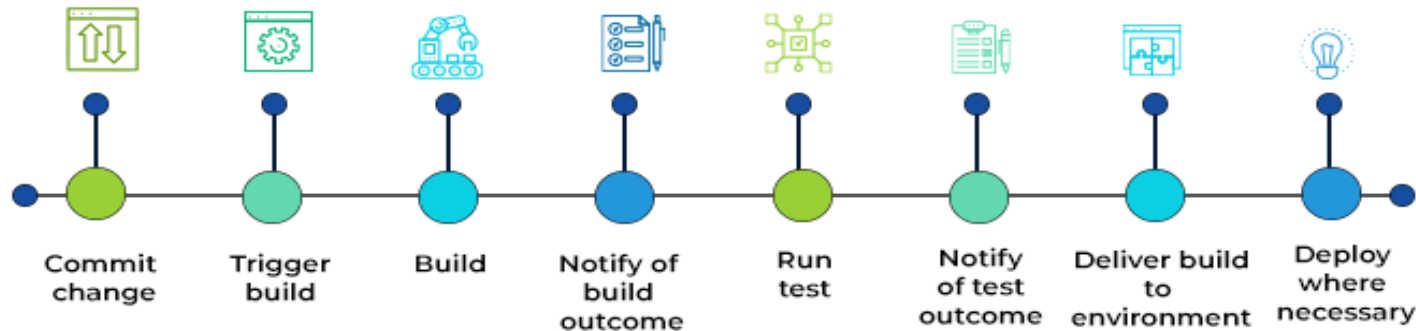# CI/CD

▶ CI/CD is the combination of principles, practices, and capabilities that allow for software changes of all kinds to get users in a quick, repeatable, and safe manner. This allows for software developers to integrate their feature or service changes continuously and for IT and operations teams to deliver with the standards, security, and confidence businesses need.

CI/CD PIPELINE

Commit change — Trigger build — Build — Notify of build outcome — Run test — Notify of test outcome — Deliver build to environment — Deploy where necessary

CI/CD Benefits

- Superior Quality Code
- Accelerated Release Cycles
- Loyal Customer Base
- Detection & Isolation
- Easy Maintenance & Updates
- Cost Deduction