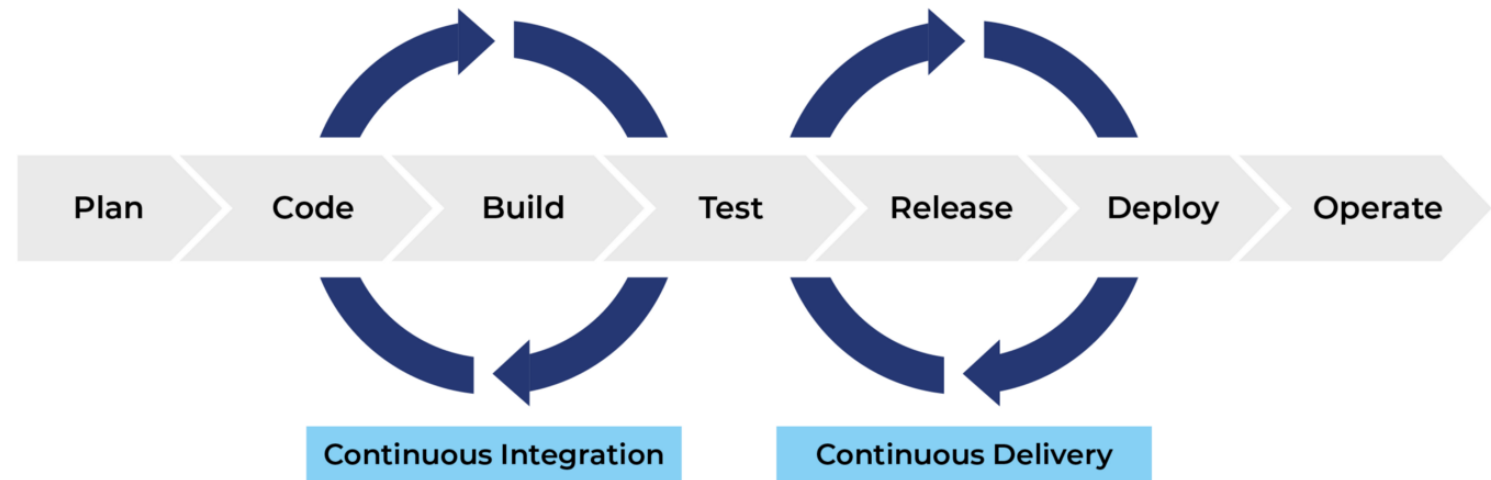


Continuous Integration / Continuous Delivery (CI/CD)

What is CI/CD?

CI/CD is a set of engineering practice used by teams to deliver features faster and frequently.

CI/CD



Why CI/CD?

- **Reduces Risk:** Code is tested and deployed more frequently, this reduce the risk level of the project as bugs are detected earlier.
- **Faster iterations:** The gap between the application in production and the one the developer is working on will be much smaller.
- **Maximum Automation:** Reduces human error and also the time and effort for integrations of different code changes.
- **Seamless Transitions and Easy Rollback:** updates/features can be release without interruptions and changes can also be easily rollback.

Why Use CI/CD?

- **Reduces Cost:** issues are prevented before reaching deployment and infrastructure is automatically managed based on needs.
- **Quick Feedback:** Faster releases enable feedback on every change. valuable insights are gained much faster.