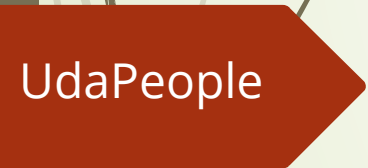


Continuous Integration & Continuous Deployment

What is Continuous Integration (CI)?

CI is the practice of frequently merging all developers' working code changes into a central repository where the software builds and tests are automatically run.



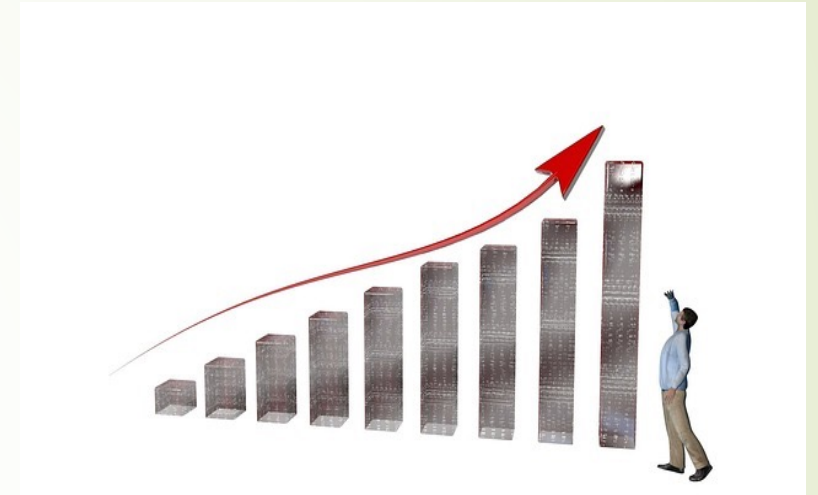
What is Continuous Deployment (CD)?

CD is the practice in which value is delivered often through automated code deployments to production, without any manual intervention.

Increase Revenue

A fully automated CI/CD pipeline can provide a competitive advantage and opportunity to increase revenues through:

- Reduction in effort required to deploy changes
- Faster time to market
- New features delivered quickly and to a high standard
- Improved customer satisfaction



Protect Revenue

Automated rollback and recovery will result in:

- Ability to quickly rollback changes if they cause issues in production
- Recovery from failures can be faster and more efficient than if performed manually
- Less downtime and reduction in lost revenues



Cost Reduction

Because developers code is integrated more often, the scope of change is smaller which results in:

- Less chance of conflict
- Deliverables that are easier for all teams to understand
- Better collaboration between technical and business colleagues
- Bugs are easier to identify and quicker to fix which will result in a reduction of costs



Cost Prevention

Automated code testing and deployments without manual intervention results in:

- Better quality product
- Prevention of costly errors

