

CICD

Benefits it brings

What is CI/CD?

- CI/CD is a method to frequently deliver apps to customers by introducing automation into the stages of application development.
- The main concepts attributed to CI/CD are:
 - Continuous integration: The practice of merging all developers' working copies to a shared mainline several times a day
 - Continuous delivery: An engineering practice in which teams produce and release value in short cycles.
 - Continuous deployment: A software engineering approach in which the value is delivered frequently through automated deployments.

Benefits

- Speed to Market: The speed at which new features can be delivered to customers is greatly improved with CI/CD, this improves revenue.
- Reduced Cost: The financial cost of downtime due to application deployment issues is greatly reduced with the structure and ease that a CI/CD pipeline brings.
- Better Quality: The quality of features delivered to customers can be improved with automated tests, thereby boosting customer confidence and increase revenue.