

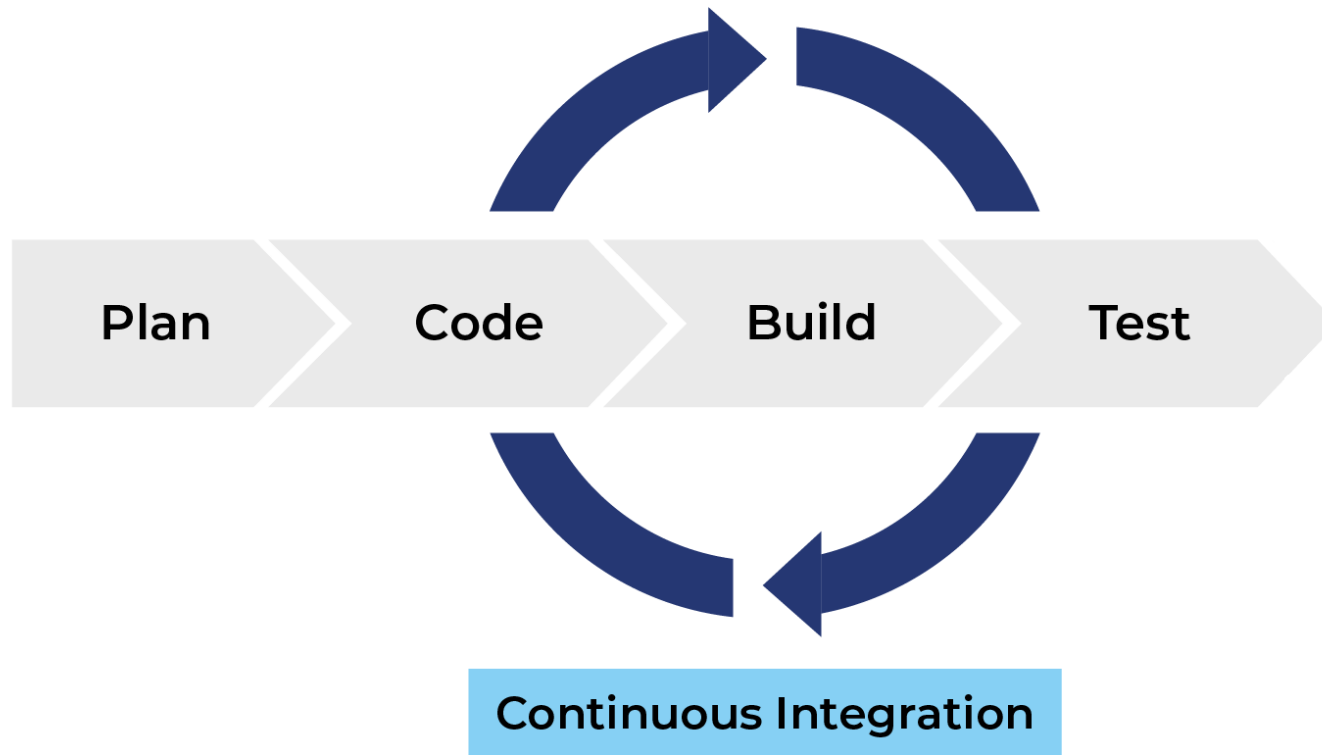
# CI/CD

## THE BEST WAY TO PRODUCTION & MARKET



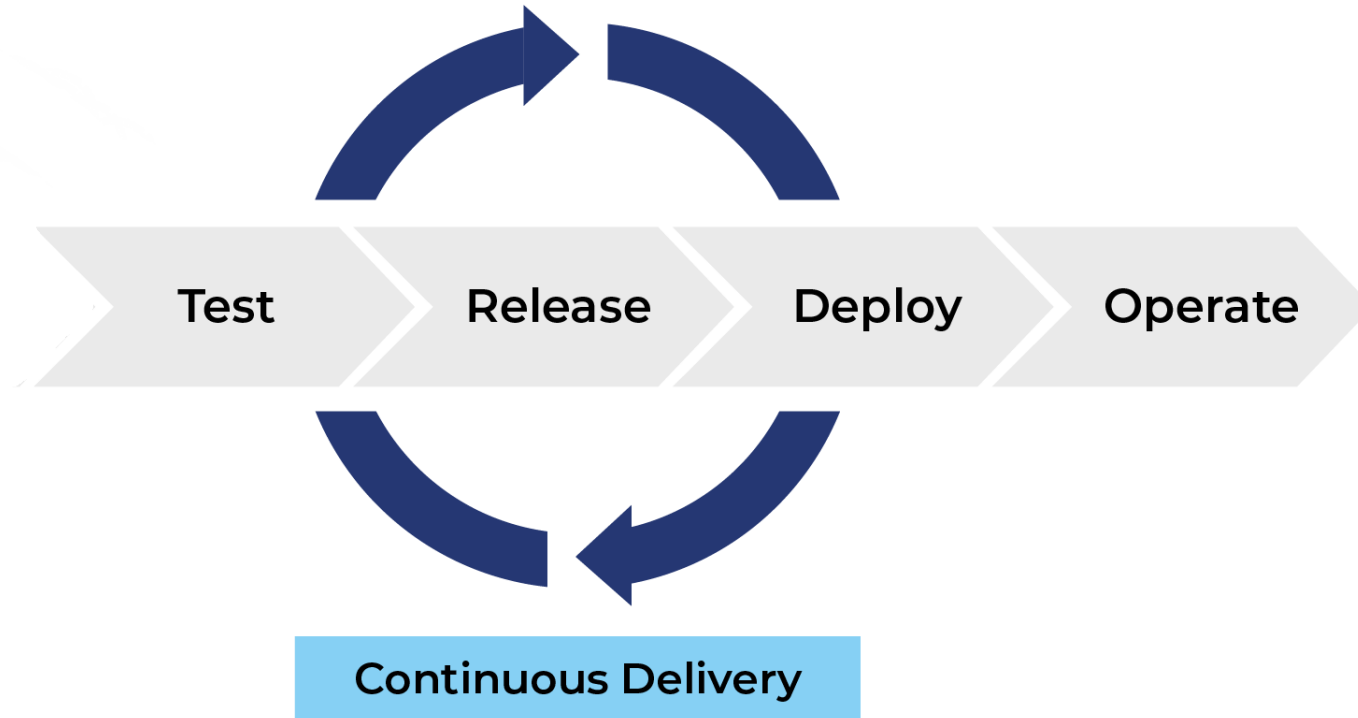
# What is CI ( Continuous Integration ) ?

The practice of merging all developers' working copies to a shared mainline several times a day. It's the process of "Making". Everything related to the code fits here, and it all culminates in the ultimate goal of CI: a high quality, deployable artifact!



# What is CD ( Continuous Delivery ) ?

A software engineering approach in which the value is delivered frequently through automated deployments. Everything related to deploying the artifact fits here. It's the process of "Moving" the artifact from the shelf to the spotlight



# Benefits of CI/CD to our business

## ❖ **Increase Revenue:**

- ✓ The speed of release and delivery is increased along with the development.
- ✓ Releases become more frequent and reliable.
- ✓ New value-generating features released more quickly.
- ✓ Less time to market.
- ✓ The flexibility to add new features increases.

## ❖ **Reduce Cost:**

- ✓ Reduce the errors with automation, and it saves the time and cost of the developers.
- ✓ Less infrastructure costs from unused resources

## ❖ **Avoid Cost:**

- ✓ Less human error, Faster deployments.
- ✓ Less bugs in production and less time in testing.
- ✓ Prevent embarrassing or costly security holes.

## ❖ **Protect Revenue:**

- ✓ Quick undo to return production to working state.
- ✓ Reduced downtime from a deploy-related crash or major bug.