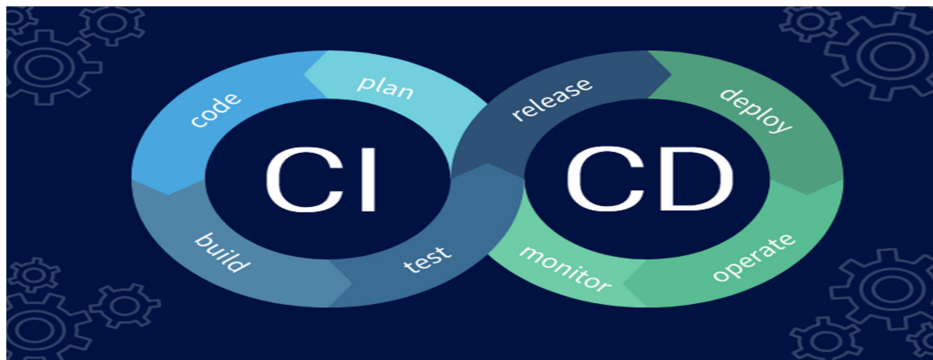




This presentation explains the key benefits of implementing the CI/CD pipeline in business prospective:

Let us talk about what us CI/CD ?

Continuous integration/continuous delivery (CI/CD) is a software development practice that combines development and operations teams and their day-to-day tasks. It applies automation to developing, testing, and delivering applications.

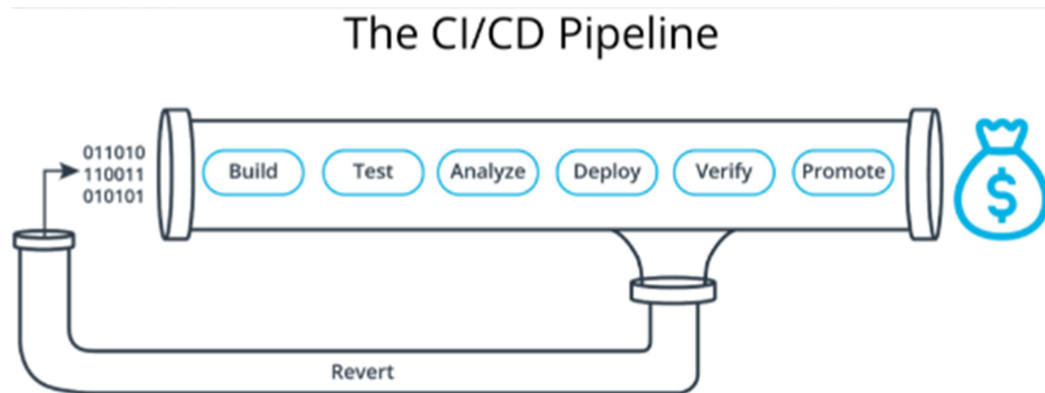


By unifying these processes under one strategy, CI/CD supports a smoother deployment process, brings more structure to the entire code and the development process, and enables more frequent updates with fewer disruptions.

- ✓ **Continuous integration** is a software development method where members of the team can integrate their work at least once a day. In this method, every integration is checked by an automated build to search the error.
- ✓ **Continuous delivery** is a software engineering method in which a team develops software products in a short cycle. It ensures that software can be easily released at any time.
- ✓ **Continuous deployment** is a software engineering process in which product functionalities are delivered using automatic deployment. It helps testers to validate whether the codebase changes are correct, and it is stable or not.

The CI/CD pipeline typically breaks down into the following stages:

- Build
- Test
- Analyze
- Verify
- Promote



Benefits for CI/CD:

- Bring Products to Market Faster
- Allows Developers to Deliver Products Consumers Want Now
- CI/CD enables organizations to respond to consumer needs as they evolve.
- CI/CD plays a crucial role in shortening time to value.
- CI/CD supports customer outcomes from a technical standpoint.
- Boosts DevOps efficiency
- CI/CD Improves App Quality
- Supports Cloud-Based App Development
- Reduce Costs and Boost Profits
- Gain Real-Time Visibility of the Development Process