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.

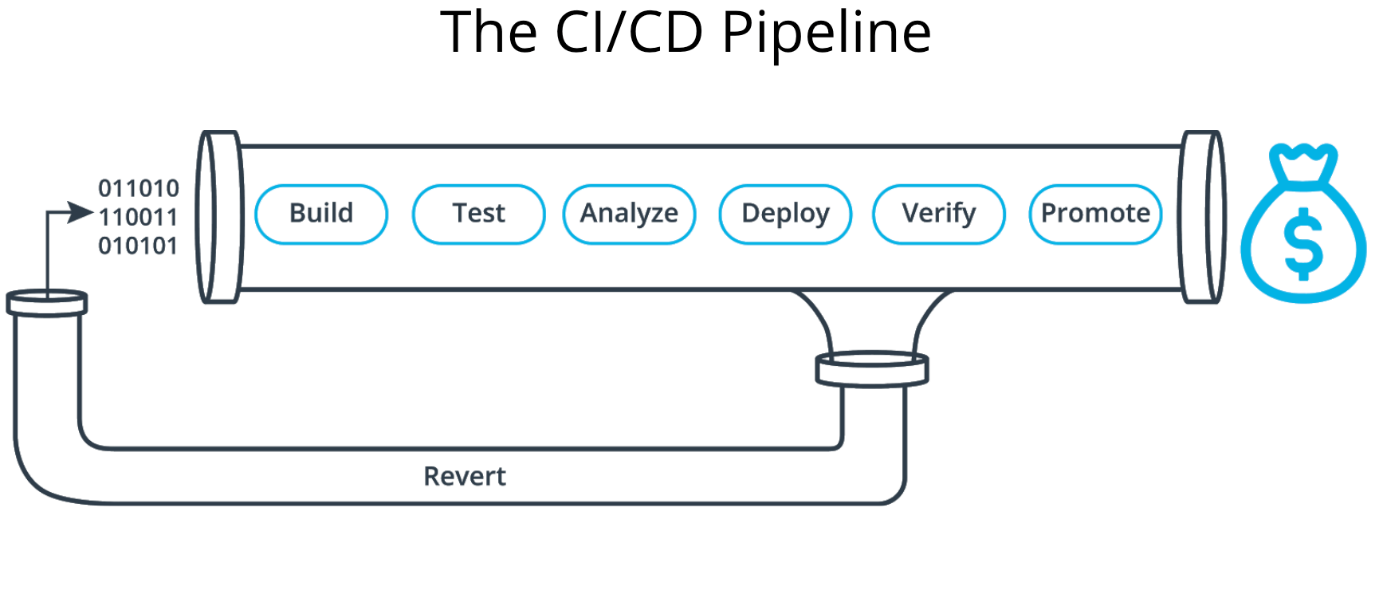
* **Continuous delivery** is a software engineering method in which a team develops software

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