WITH CI/CD

Achieving Faster Time-to-market , Maximize The Productivity And Quality
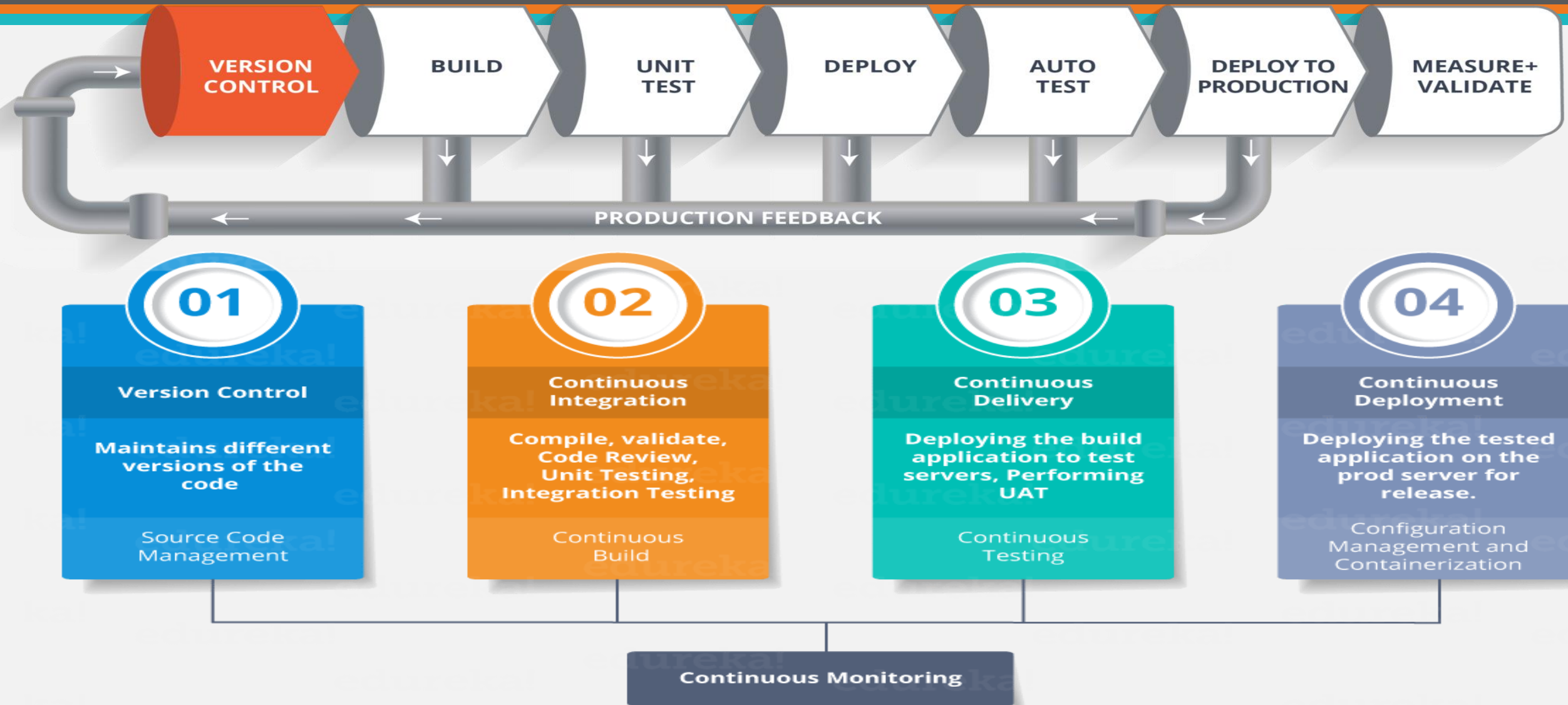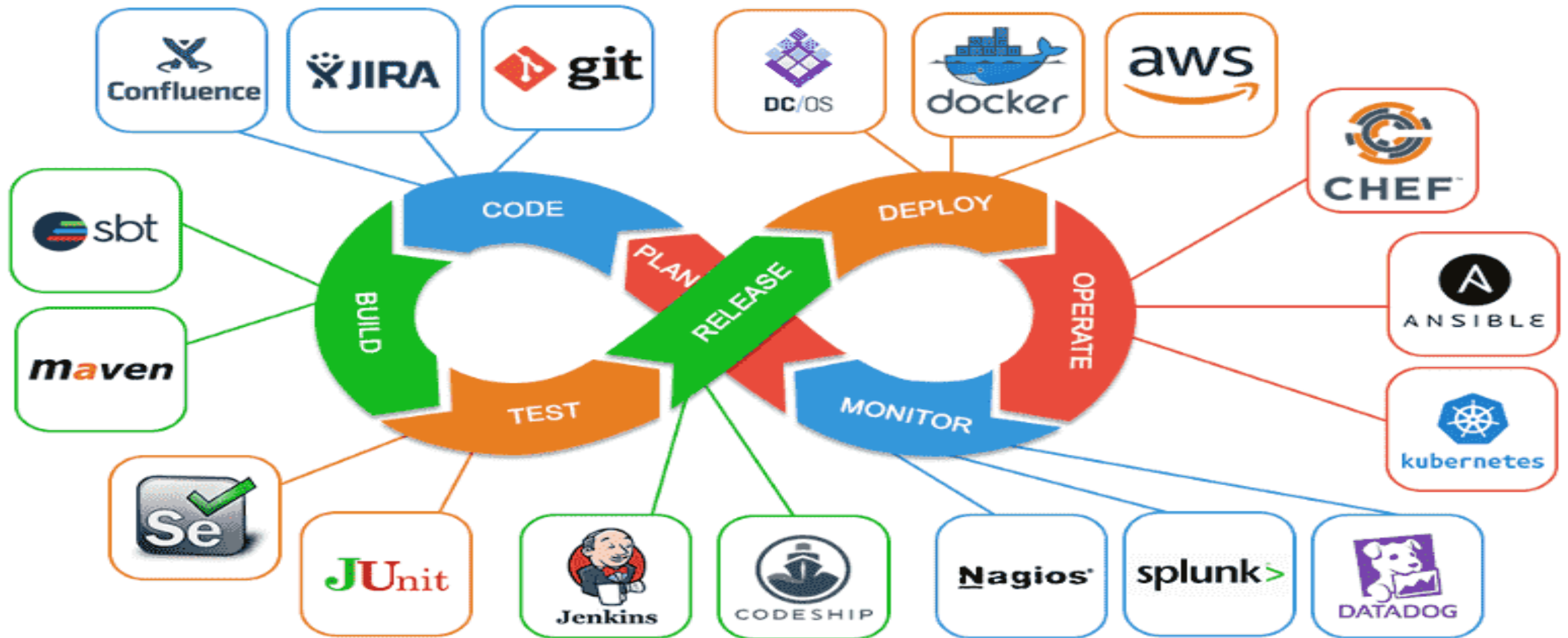
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What is CI CD Pipeline?

- **Continuous integration and continuous deployment (CI/CD) is a set of ideas, processes, and capabilities that enables software changes to be delivered to users in a timely, repeatable, and secure manner by introducing automation into software development processes.**

What is CI CD Pipeline?

CI/CD Tools

Benefits of CI/CD

1. Faster delivery of changes : By automating the build, test, and deployment process, it is possible to reduce the time it takes to deliver code changes. This means that new features can be released more quickly and that bug fixes can be implemented and deployed more efficiently.

2. Improved software quality : Automated testing helps to catch errors and defects early in the development process, which can save time and resources in the long run.

3. Increased collaboration : CI/CD promotes collaboration between team members by allowing them to easily integrate and test their code changes.

4. Reduced risk : Automating the build, test, and deployment process helps to reduce the risk of errors and minimizes the impact of those errors when they do occur.

5. Greater flexibility : CI/CD allows teams to easily deploy code changes to multiple environments, such as staging and production, which enables greater flexibility in testing and releasing new features.

HOW CI/CD Reduce Cost & Increase Revenue

Reduce Cost	Increase Revenue
Less developer time on issues from new developer code	New value-generating features released more quickly
Less bugs in production and less time in testing	Less time to market
Prevent embarrassing or costly security holes	Reduced downtime from a deploy-related crash or major bug
Less human error, Faster deployments	Quick undo to return production to working state
Less infrastructure costs from unused resources	