# Accelerate Software Development with CI/CD: UdaPeople

CI/CD

- It's a software development practice that helps to streamline the software development process and improve the quality of software
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- The presentation will focus on making a compelling case for implementing CI/CD, in order to improve the development process and drive business success.

# What is CI/CD?

- It's a software development practice that helps to streamline the software development process and improve the quality of software

- CI/CD automates the steps involved in building, testing, and deploying software

- CI/CD incorporets automation into each step of the development cycle

# Benefits of CI/CD for UdaPeople

- Reduce Cost - Less developer time on issues from new code and infrastructure costs from unused resources

- Avoid Cost - Less bugs, save testing time,  Faster deployments

- Enhanced Collaboration: CI/CD fosters collaboration between development and operations teams, enabling them to work together more effectively.

- Better Resource Utilization: By reducing manual effort and repetitive tasks, CI/CD allows teams to focus on more valuable tasks, improving overall productivity.

# Cost Savings

- Less infrastructure costs from unused resources
- Quick return to production to working state
- Less costly security issues from unverified code
- Low levels of human error in development
- Faster time to market generates revenue more quickly.
- Saves costs by reducing downtime and other issues.

# Conclusion

By automating the development and deployment process, CI/CD helps to eliminate manual errors and reduces the time and effort required to get code from development to production, thereby increasing collaboration between development, testing, and operations teams.

 CI/CD helps businesses in the software industry to increase revenue, improve software quality, and reduce costs.