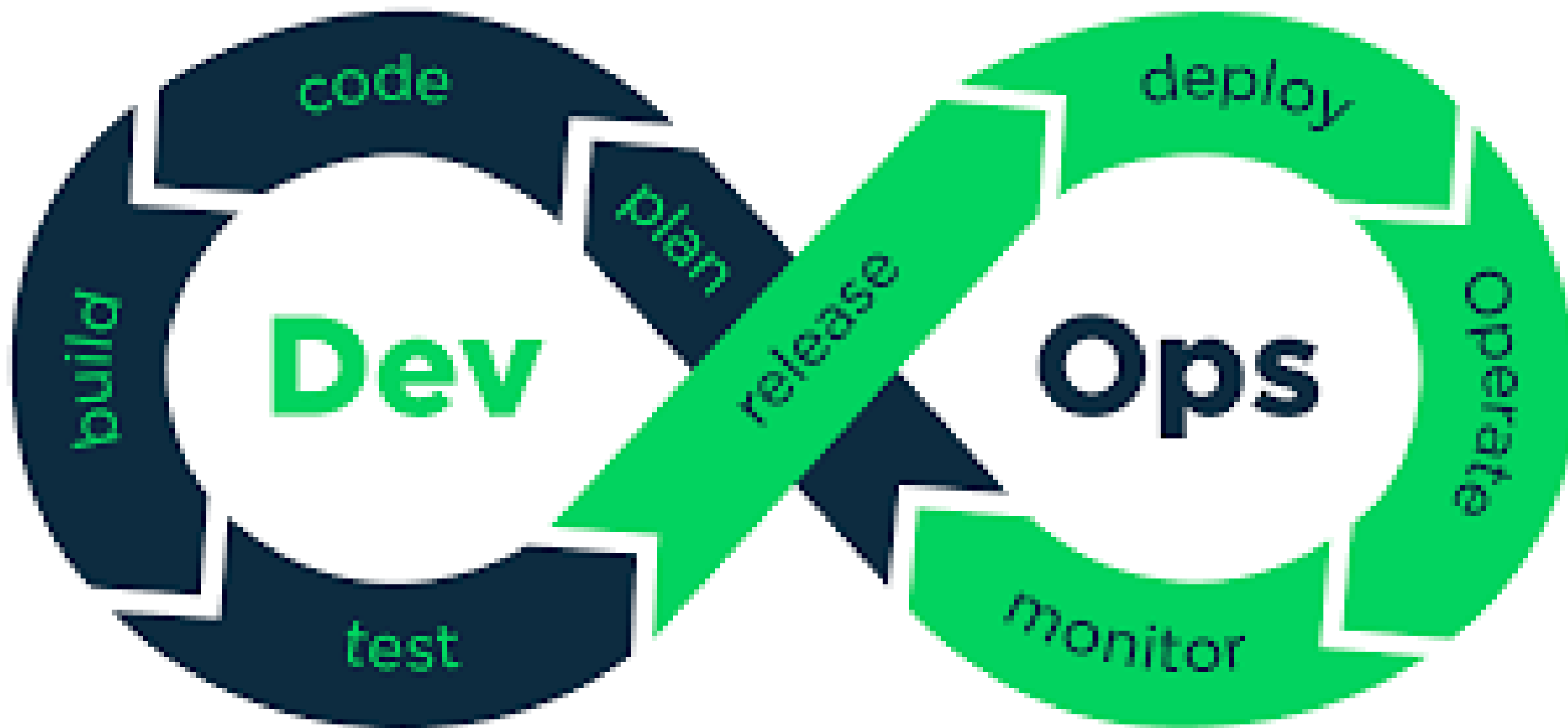


# UDAPEOPLE APP

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THE ROLE OF CI/CD IN GENERATING A MORE ROBUST REVENUE.



# WHAT IS CI/CD

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- CI/CD is a best practice for devops teams. It is also a best practice in agile methodology. By automating integration and delivery, CI/CD lets software development teams focus on meeting business requirements while ensuring code quality and software security and with automation, reduces lots of human error.
- CI/CD automates much or all of the manual human intervention traditionally needed to get new code from a commit into production such as build, test, and deploy, as well as infrastructure provisioning. With a CI/CD pipeline, developers can make changes to code that are then automatically tested and pushed out for delivery and deployment.

# BENEFITS OF DEVOPS FOR BUSINESSES





# BENEFITS OF CI/CD

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- 1. Less developer time on issues from new developer code
- 2. Less bugs in production and less time in testing
- 3. Prevent embarrassing or costly security holes
- 4. Less human error, Faster deployments
- 5. Reduced downtime from a deploy-related crash or major bug
- 6. Less time to market

# DOWNSIDE OF CI/CD

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- **1. Continuous change requires continuous monitoring and reporting.**
- **2. Not everyone appreciates continuous change.**

# WHY ADOPT THE CI/CD MODEL

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- There are many reasons why we should adopt the CI/CD Process.
- 1. With automated deployment, There is a less time to market which in turn increases Revenue.
- 2. With Infrastructure automation, there is less human error and faster deployment which in turn Reduces Cost.
- 3. The CI/CD Pipeline can catch unit test failures which brings less bugs in production which in turn Reduces Cost.

# WHY ADOPT THE CI/CD MODEL

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- 4. With Faster and More Frequent Production Deployments, New value-generating features are released more quickly which increases the company's revenue.
- 5. With Automated Rollback Triggered by Job Failure, we can Quick undo to return production to working state which in turn protects the company's Revenue.



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**THANK YOU**