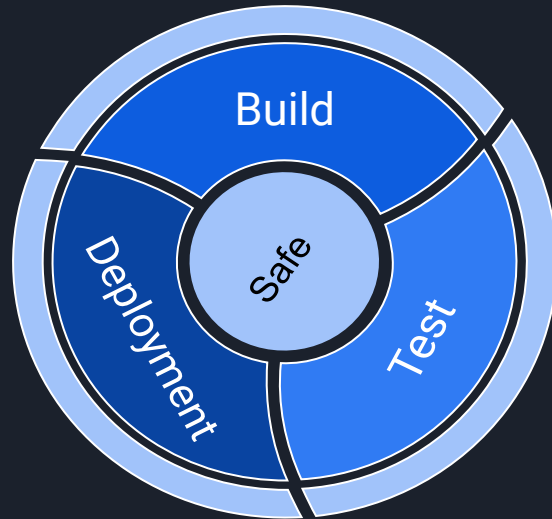# CICD

What difference does it make?

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DevOps engineer

What is CICD to organization?

In an effort to put our best foot forward, we need a mean to quickly release new satisfactory features and swiftly make changes on customer feedback.

CICD allow us to build new user story, test them, and deploy to production in the confinements of safety and time
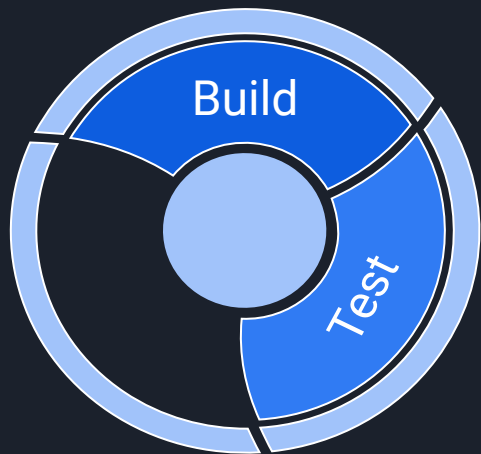
Continuous integration, and why?

Continuous integration is art to automatically builds and runs tests on the new code changes to immediately surface any errors.

Benefits

- ❖ Less time spent on manual code collection
- ❖ Automated test safes organisation resources
- ❖ Build Bug free features to satisfy Udapeople users
- ❖ Trust and confidence on our engineering process which give room for revenue generating innovations
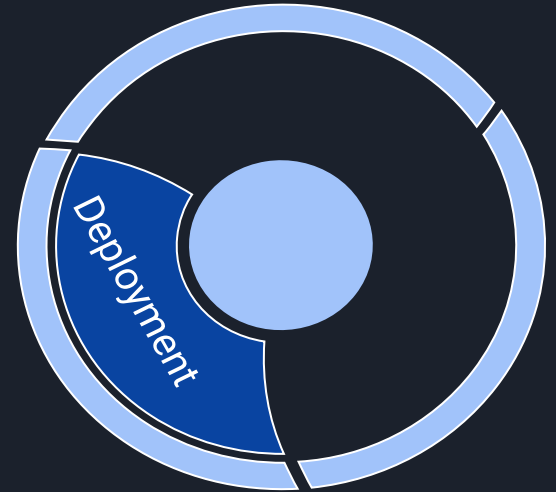
Continuous delivery and why?

Continuous delivery is a software development practice to automatically deploy tested code to production

Benefits

- ❖ Reduced downtime on feature releases during deployment
- ❖ Increased product availability, hence revenue
- ❖ Predictable infrastructure to prevent possible failure which increase our users loyalty
- ❖ Fast response time when something goes wrong

Deployment

With CICD in our work process, we will convert lost time to revenue, grow customer loyalty in a safe and innovative environment.