Udapeople App

Why we should use CI/CD to Achieve, Build and Deploy Automation

Reduce existing cost

▶ Using Continuous Integration and Continuous Delivery methods can help us reduce and avoid cost by:

- Having developers spend less time on fixing errors in the code or fixing bugs in production. This may also leas to faster deployments in general

- Avoiding to run infrastructure that is not used by scaling automatically and shutting down unused ressources

- Automation also helps prevent security holes which can be quite costly

Increase and Protect Revenue

▶ Furthermore we will be able to protect our existing revenue and might even increase it by using CI/CD. This is possible because:

- Developers have more time to build new features and they can bring them to production faster. This means we can generate value for our steakholders as fast as possible

- We can automate our test routines which reduces the downtime of production from bugs or deployment related crashes. If production fails during an deployment we can easily undo the changes and return to working state.

Confidence

- Lastly, CI/CD enables us to bring a reliable result to our steakholders and customers. Therefore trust in our product will increase immensly, which will likely attract new customers as well.