



# UdaPeople Project

WHY CI / CD

# BENEFITS OF CI/CD

## ◆ Faster time to market

- ◆ The primary goal of a CI/CD pipeline is to deliver working software to users quickly and frequently. Tech giants may have led the way, adopting Agile and DevOps techniques to transform their development processes and deliver constant improvements to their users, but with many smaller organizations following suit the landscape is becoming increasingly competitive

## ◆ Reduced risk

- ◆ Having a shorter time to market doesn't just help you keep up with the competition. Rapid releases provide an opportunity for product managers and marketing professionals to engage more closely with the development process.

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## ◆ **Shorter review time**

- ◆ With continuous integration, developers are encouraged to commit their code changes more frequently – at least once a day as a rule of thumb. Sharing code with the rest of the team regularly not only ensures everyone is building on the same foundation, but also results in faster code reviews and makes it easier to integrate changes.

## ◆ **Better code quality**

## ◆ **Smoother path to production**

## ◆ **Faster bug fixes**

## ◆ **Smoother path to production**



# Is CI/CD the solution for our project ?

- ◆ CI/CD requires automation knowledge and discipline from team members but in return it will :
- ◆ Reduce costs by catch compiling error after merge and automate the configuration and clean up of the environment.
- ◆ Avoid unnecessary costs coming from security vulnerability and bugs in production  
Increase revenue by deploying to production more frequent and reduce time to market.
- ◆ Focus on business by automate the deployment phases and free the employees to focus on the competitive features