



# UdaPeople CI/CD

What and why would you care!!

By: Mohamed Raslan



# What CI/CD

CI/CD, stands for continuous integration (CI) and continuous delivery (CD)

It simply a way that makes you reach the goal of making rapid and small changes/releases and shipping it as fast as possible to your customer with quality in mind, combining the work of different people into one cohesive product and shorting the gap between the development team and the operation team

CI/CD streamlines application coding, testing and deployment by giving teams a single repository for storing work and automation tools to consistently combine and test the code to ensure it works.



# What are the benefits of CI/CD

01

True Agility and less time to market,  
Faster and more frequent production deployments, and shippable releases

02

Faster feedback, automated tests , performance and security checks that help the team to focus in what is important and get a faster feedback of they change they make

03

Cost reduction, Less infrastructure costs from unused resources you only use pay for what you use, less need for boring manual regression testing



# What are the benefits of CI/CD

04

Less human error, given that fact of automating most of the things from infrastructure to testing, build and deployment (or shipping to the market)

05

Increase security and prevent embarrassing or costly security holes, by the automation of the security checks and the monitor of the infrastructure

06

Fail-safe, automated and faster way to fallback to a stable release without any manual intervention