CI/CD: a Better Approach for Both Business and Tech Teams

A solution we can all agree on!

So, What's wrong with the current situation?

Taking UdaPeople from coding to production is a very labour-intensive task

- Tens of developers working on the same code leads to inconsistent code integrations
- Many tasks are repeated:

   testing units, validating dependencies, infrastructure creation, app deployment, rollbacks, and many more!

Why CI/CD

1. Reduced Errors and Manual Tasks –> less time spent on tedious tasks

2. Fast detection of security vulnerabilities

3. Automate everything –> less human errors and faster deployments

4. Faster deployments –> more frequent deployments

5. Quick and easy rollback in case of failed tests

How does this help UdaPeople?

1. Reduce (or even avoid) costs, thanks to automation

2. Increase revenue since customers will be more satisfied

3. Higher productivity of developers

4. Quicker & more stable deployments

5. Less time to market

What do we need to get CI/CD?

- A CI/CD tool, either on-premise or cloud-based

- Learning a few automation solutions for infrastructure creation (e.g., AWS CloudFormation) and configuration (e.g., Ansible)

- A higher level of discipline

Questions?