DEVELOPING UDAPEOPLE PRODUCT WITH CI/CD

Fundamentals and benefits of CI/CD to Achieve, Build, and Deploy Automation for Cloud-Based Software Products

Fundamentals of CI/CD

Let me introduce you to CI/CD, the magic behind the high efficiency of the services that big companies like Amazon and Google render. Integration of CI/CD in Udapeople Product will not only transform our services, but it will also lead to the speedy delivery of the product to the our clients.

It involves the frequent delivery of value through automatic deployments, and we would be outlining the benefits of CI/CD in the next slide
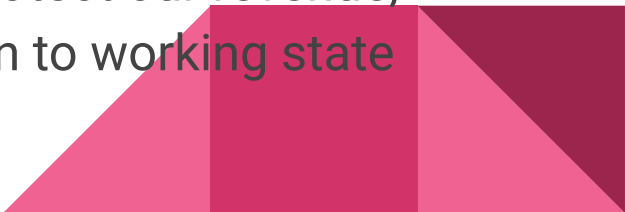
Benefits of CI/CD

- Reduce Cost

- Avoid Cost

- Increase revenue

- Protect revenue

How the benefits will improve our business

- With CI/CD we automate infrastructure creation which will lead to less human error and faster deployments thereby avoiding cost
- We can also catch compile errors after merge with CI/CD and this will lead to less developer time on issues from new developer, reducing cost as well
- Deploying to production without manual check is another. This will increase our revenue with less time to market
- Automated Rollback triggered by job failure will protect our revenue, where there will be quick undo to return production to working state

THANK YOU FOR LISTENING