UdaPeople CI/CD

Benefits of CI/CD

What is CI/CD ?

- CI/CD - stands for Continuous Integration and Deployment
- A software development paradigm that enables integrating multiple developers' codes continuously throughout the day and promoting artifacts to production frequently

Benefits of CI/CD

- Reduce and avoid cost
  - Developers are able to quickly identify issues arising from new code
  - Eliminates unused infrastructure resources
  - Less manual testing, less bugs in production
  - Prevent costly security holes
  - Less human error, Faster deployments

Why do we need it ?

- Maintain and increase revenue
  - New value-generating features released more quickly
  - Less time to market
  - Reduced downtime from a deploy-related crash or major bug
  - Quick undo to return production to working state