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CI/CD Proposal for UdaPeople

What we get from CI/CD and the business benefits



Faster and more frequent deployments

We are able to get our latest features to our users more frequently which would lead to an increase in revenue

Deploy product fixes and updates faster to reduce loss of revenue

Increase users confidence in product by deploying stable and efficient products which would increase revenue

Deployment to production without manual checks

- This would reduce the time spent by developers checking the production product to ensure quality and hence reduce cost
- Reducing the manual checks that have to be done reduces the time to market for the product and increases revenue

Automate infrastructure creation

This would reduce the time developers spend creating infrastructure ultimately reducing cost

Automating creation is less error prone and would help avoid the cost of having to debug errors in infrastructure

This would make infrastructure creation faster ultimately allowing the product get to the users faster which would increase revenue

Catch failures in automated tests

This would reduce bugs and errors in production which would help avoid the cost of finding bugs in production by engineers

This would let developers spend less time figuring out issues in production which would reduce overall cost

Thank you.

