



UdaPeople – CI/CD

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Objectives

Problems we
need to solve.



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graph TD; A[Problems we need to solve.] --> B[What is CI/CD?]; B --> C[How will CI/CD solve our problems?];
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What is CI/CD?

How will CI/CD
solve our
problems?

Problems we need to solve

- ▶ Taking too long to release new updates.
- ▶ Pain to rollback if something went not as expected.
- ▶ Pressure of manual testing.
- ▶ Human interventions to redundant tasks which can be automated.

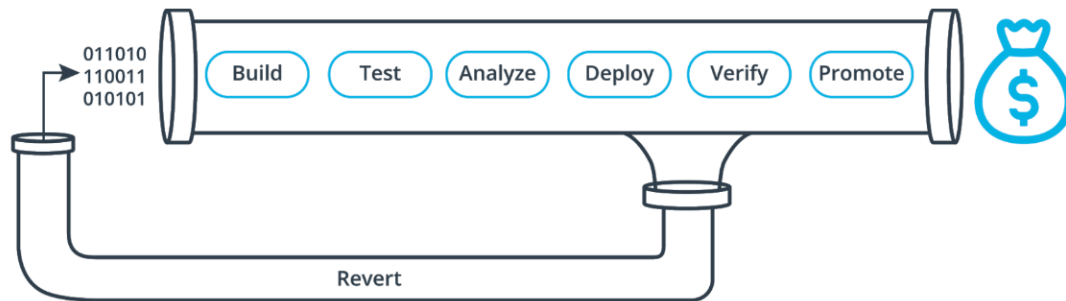
Those problems can cost us a lot of money and reduce our clients' trust.

It is hard to completely avoid human failures, but what if we can reduce it?




What is CI/CD

The CI/CD Pipeline



- ▶ CI/CD stands for Continuous Integration, Continuous Deployment/Delivery.
- ▶ It is a way to automate tasks like:
 - ▶ Testing our application
 - ▶ Detecting security vulnerabilities
 - ▶ Releasing new updates faster
 - ▶ Recovering from failures easily



How will CI/CD solve our problems?

- ▶ Much less time on repeated tasks like testing and configuration.
- ▶ Preventing costly security holes.
- ▶ Less cost on unused resources.
- ▶ Deploying to market with new updates faster.
- ▶ Quick undo if something went wrong.

Conclusion:

- ▶ Reducing costs and increasing the revenue.
- ▶ This can make our clients happier, which will lead to higher profit and cheerful celebrations.

Thank You!

