

# CI/CD PROPOSAL

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UDACITY PROJECT

# What to expect in this presentation

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- What is CI/CD?
- Pros of CI/CD
- Cons of CI/CD
- Conclusion



# What is CI/CD?

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- Continuous integration and continuous deployment (CI/CD) is a set of ideas, processes, and capabilities that enables software changes to be delivered to users in a timely, repeatable, and secure manner by introducing automation into software development processes

# Pros of CI/CD

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- Higher efficiency
- Reduced risk of defects
- Faster product delivery
- Log generation
- Quick rollback if required
- Better planning
- Efficient testing & monitoring
- Cost-effectiveness

# Disadvantages & conclusion

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- It may seem complex during setting up the infrastructure.

**Conclusion:** The pros outweigh the cons and thus CI/CD will be of great help to the business in terms of minimizing costs and making our clients happy.