

# UDAPEOPLE PRODUCT IN CI/CD

Faster time to market with CI / CD

# Continuous integration

Continuous integration is an essential aspect of [DevOps](#) and high-performing software teams. Yet CI benefits are not limited to the engineering team but greatly benefit the overall organization. CI enables better transparency and insight into the process of software development and delivery. These benefits enable the rest of the organization to better plan and execute go to market strategies. The following are some of the overall organizational benefits of CI

- ▶ Enable scaling
- ▶ Improve the feedback loop
- ▶ Enhance communication
- ▶ Adoption and installation
- ▶ Test driven development

# Continuous deployment

- ▶ Continuous deployment allows you to deliver new software (also meaning: deliver business value) and improve existing software faster, with lower risk. Reducing risk is important, but the processes that underpin continuous deployment translate into even more important values to the business:
  - Accelerate time-to-value
  - Data-driven decision making
  - Quality
  - Experimentation = innovation
  - Reduce costs

# CI / CD Benefits

- ▶ Reduce Cost    Less developer time on issues from new developer code
- ▶ Reduce Cost    Less infrastructure costs from unused resources
- ▶ Avoid Cost     Less bugs in production and less time in testing
- ▶ Avoid Cost     Prevent embarrassing or costly security holes
- ▶ Avoid Cost     Less human error, Faster deployments
- ▶ Increase Revenue    New value-generating features released more quickly
- ▶ Increase Revenue    Less time to market
- ▶ Protect Revenue    Reduced downtime from a deploy-related crash or major bug
- ▶ Protect Revenue    Quick undo to return production to working state