

# Benefits of CI/CD

Add value to the business





# What is CI/CD

**Continuous Integration** is the practice of merging all developers' working copies to a shared mainline several times in a day. The main goal of this is to improve the quality of code and frequent deployable artifact.

**Continuous Deployment** is an approach where the value is delivered frequently through automated deployments, this play a great role to satisfy the clients' need thanks to deriving more features in a short period.



# Benefits of adopting CI/CD as working strategy

- **Automation:** this helps regarding faster deployment and less human error which results in avoiding additional cost. Less infrastructure costs from unused resources because we can monitor provisioning based on what we need. Deploy to production without manual checks translates to less time to market which result to increase revenue.
- **Accelerated release cycle:** faster & more frequent production deployment which translate to new value-generating features released more quickly which result in increase revenue.



## Benefits of adopting CI/CD as working strategy(cont.)

- **Easy maintenance & updates:** Less developer time on issues from new developer code, prevent embarrassing costly security holes like detect security vulnerabilities early and quick undo to return production to working state in case of a problem which result reduce, avoid cost and protect the business's revenue. Reduce downtime from a deploy-related crash or major bug which also result in protection of revenue.



# Conclusion

CI/CD will ultimately become imperative for your business – the benefits are simply too many. Migrating from the legacy software release cycles to CI/CD won't just accelerate the time-to-market, but also result in a productive and satisfied development team.