

INTRODUCTION TO CI/CD

Why we should use CI/CD?

- ▶ - Increase revenue
- ▶ - Protect revenue
- ▶ - Reduce cost
- ▶ - Avoid cost

Example about increase revenue

- ▶ In development team they can faster and more Frequent Production Deployments
- ▶ So we'll have New value-generating features released more quickly
- ▶ → **INCREASE REVENUE**

Example about protect revenue

- ▶ In development team they can automated many thing, example: smoke test,...
- ▶ So our project will reduce downtime from a deploy-related crash or major bug
- ▶ ➔ **PROTECT REVENUE**

Example about reduce cost

- ▶ In development team they can Catch Compile Errors After Merge
- ▶ So we'll have Less developer time on issues from new developer code

▶ → **REDUCE COST**

Example about avoid cost

- ▶ In development team they can Automate Infrastructure Creation
- ▶ So we'll have Less human error and Faster deployments

▶ → **AVOID COST**