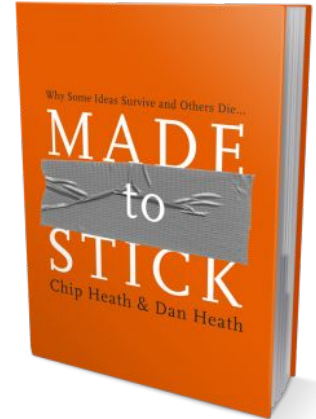# Why CI/CD

Why we should adopt CI/CD at UdaPeople

Catch compile errors after merge hence reducing cost

Less developer time on issues from new developer code.

Avoid cost by catching unittest failures
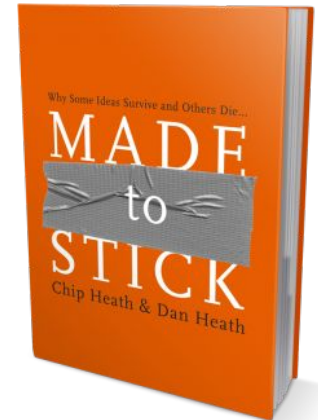
Less bugs in production and less time testing.

Avoid cost by detecting security vulnerabilities

Prevent embarrassing or costly security holes

Reduce cost by automating infrastructure cleanup

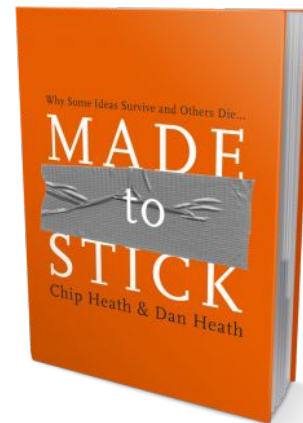Less infrastructure cost from unused resources

Increase revenue by faster and more frequent production deployments

New value generating features realised more
quickly.

Protect revenue by automated smoke tests

Reduced downtime from a deploy related crash or major bug.

Increase revenue by promoting to production without manual checks

Less time to market.

Protect revenue by automated rollback triggered by job failure

Quick undo to return to production to working state.