CICD - DELIVERY HERO

- CI and CD are two acronyms frequently used in modern development practices and DevOps. CI stands for continuous integration, a fundamental DevOps best practice where developers frequently merge code changes into a central repository where automated builds and tests run. But CD can either mean continuous delivery or continuous deployment.

BENEFITS OF IMPLEMENTING CICD

- **Faster and More Frequent Production Deployment:** We would get more revenue by shipping value generating features more frequently to the customers, this would also help us to get feedback early and stay ahead.

BENEFITS OF IMPLEMENTING CICD

- **Detect Security:** This would enable us to easily detect serious security flaws that would be bad enough if it reaches public. This would save us money trying to win back the customers' trust and rebuilding our image.

BENEFITS OF IMPLEMENTING CICD

- **Automated Tests:** This would protect our revenue by reducing downtime caused by deploy-related crash or bugs.

- Deploy to Production Without Manual Checks: Less time to market will help increasing our revenue

- The benefits of CI/CD impact all ends of the development lifecycle, the customer experience, and the big-picture business strategy.

- It plays a critical role in software development and delivery and helps smaller teams move faster, respond to constant changes, and incorporate real time feedback—all of which contribute to cost savings, profitability, and a higher-quality end-product

IMPACT OF CICD ON REVENUE
DOWNTIME = LOST REVENUE

- Delayed (and even unrealized) revenue
- This is the impact of lost opportunity costs. When there are too many dependencies, too many handoffs, and too many manual tasks, it causes delays between when code is written and when the business gets value from that code. In worst cases, code is written, and the business never gets any value from it at all. Code can sit in limbo waiting for others to manually test it, and by the time it's finally reviewed it's already irrelevant. The opportunity cost essentially doubles: Engineers were paid to work on code that never deployed, and the business loses out on revenue the code could have generated.

COST DEDUCTION

- As per one of the recent Forbes Insights surveys, “Three out of four executives agree that the amount of time, money, and resources spent on ongoing maintenance and management—versus new project development or new initiatives—is affecting the overall competitiveness of their organization.”

- Delivering high quality tailor-made solutions to address business-specific challenges requires a way to meet the rapid time constraints imposed by rivals. Embracing CI/CD is the perfect fix to shorten the time to finish a project and market new features.

INCREASED SPEED OF INNOVATION AND ABILITY TO COMPETE IN THE MARKETPLACE

- Having Good Quality product will make us able to compete in the market and increase our revenue
- Using CICD, you can now put plans, having good vision on everything and can predict when ..how and how much we will gain
- Toyota was one of the leading companies to use CICD and you can imagine how this was useful and how this affected their revenue growth