AN INTRODUCTION TO

CI/CD PIPELINES

CI/CD CONCEPTS

What is continuous Integration (CI)?

What is continuous Deployment (CD)?

Benefits of continuous Integration (CI)?

Benefits of continuous Deployment (CD)?

Continuous Integration

The practice of merging all developers' working copies to a shared mainline several times a day to avoid confilcts in the code.

Continuous Deployment

A software engineering approach in which a value is delivered frequently through automated deployments.

What are the benefits of CICD?

CI Benefits

- Accurate measurements.
- Less time-to-market.
- Increased business sustainability.
- Fast feedback.

CD Benefits

- Easy maintenance and updates to infrastructure.
- Improved Mean Time To Resolution (MTTR).
- Loyal customer base.