The Unkown Business Benefits of the CICD Practice.

PRESENTED BY:
Devops Team

Common Software Development Problems

Security Vulnerability

Service downtime causing Increase in Cost

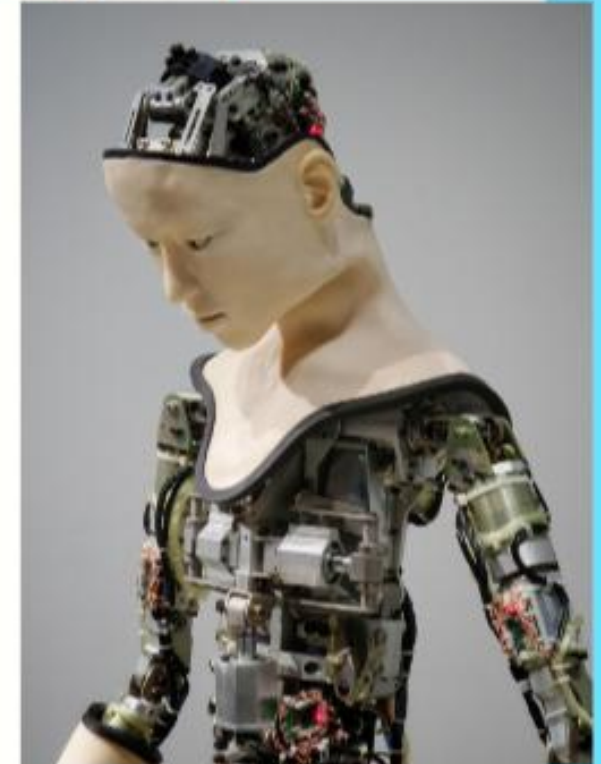**Manual Testing which increases cost and labour**

Longer time to move products to market

Decreasing Revenue

CICD

The word CICD stands for **continous Integration and continous delievery**.

Its a software development practice that apllies automation to development, testing, deployment and delievery of application or services.

STAGES OF CICD

1 **Source**
Github Push & Commits

2 **Build**
Compile and Build

3 **Test**
Smoke, Unit and Integration

4 **Deploy**
Staging, QA (Verify) and Production

BENEFITS OF CONTINOUS INTEGRATION AND CONTINOUS DELIEVRY

1 Increase Revenue - Prompt release of application features.

2 Avoid Cost - Prevent unnecessary cost due to security vulnerabilities

3 Protect Revenue - Quick return to previous Production working state in the case of error in deployment.

4 Reduce Cost - Ensure the cut-off of cost as a result of unused infrastructure resources.