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Introduction to CI/CD

BENIFITS OF CI/CD IN BUSSINESS

What is CI/CD ?

CI/CD is a software development practice that stands for Continuous Integration/Continuous Deployment or Continuous Delivery. It is a set of processes and practices that helps software developers to deliver code changes more frequently, reliably, and with greater efficiency.

What is the difference between CI & CD

Continues Integration

Continuous Integration (CI) is the practice of automatically building and testing code changes on a regular basis as developers work on them. This ensures that any issues are detected early in the development process, reducing the risk of introducing bugs later on.

Continues Delivery

Continuous Deployment (CD) or Continuous Delivery (CD) is the practice of automatically deploying code changes to production environments after they have been tested and approved. This ensures that software is delivered quickly and reliably to end-users.

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Benifits of CI/CD in Bussiness

01

Faster Time to Market

With CI/CD, businesses can release new features and updates more quickly, allowing them to respond to market demands and stay ahead of competitors.

02

Improved Quality

By catching errors and vulnerabilities early in the development process, CI/CD helps businesses to deliver higher quality software with fewer defects.

03

Increased Efficiency

By automating many of the manual tasks involved in software development, CI/CD helps businesses to improve efficiency and reduce the workload on developers.

04

Reduced Risk

With CI/CD, businesses can catch issues early in the development cycle, reducing the risk of introducing issues into the production environment and minimizing the potential impact on customers.

Overall, CI/CD can help businesses to improve their software development processes, deliver higher-quality software more quickly and efficiently, and reduce the risk of issues impacting customers.

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Thank You

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