



UDAPEOPLE SOFTWARE PRODUCT

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CI/CD

Fundamentals and Benefits of CI/CD to Achieve, Build, and Deploy Automation for Cloud-Based Software Products

Continuous Integration(CI) is the practice of merging all developer's working copies to a shared mainline several times a day. CI handles everything that has to do with code.

Continuous Deployment (CD) A software engineering approach in which the value is delivered frequently through automated deployments. Everything related to deploying the artifact fits here.



CI/CD Benefits

We will adopt the CI/CD framework for the development of our UdaPeople Product.

We will be focusing on the following 4 benefits of CI/CD pipelining and explain the benefits we are sure to accomplish if CI/CD is approved;

- Increased Revenue
- Protect Revenue
- Reduce Cost
- Avoid Cost

Major benefits



Less developer time on issues from new developer codes.



Less bugs in production and less time in testing.



New value-generating features released more quickly.



Reduced downtime from a deploy related crash or major bug



Thanks