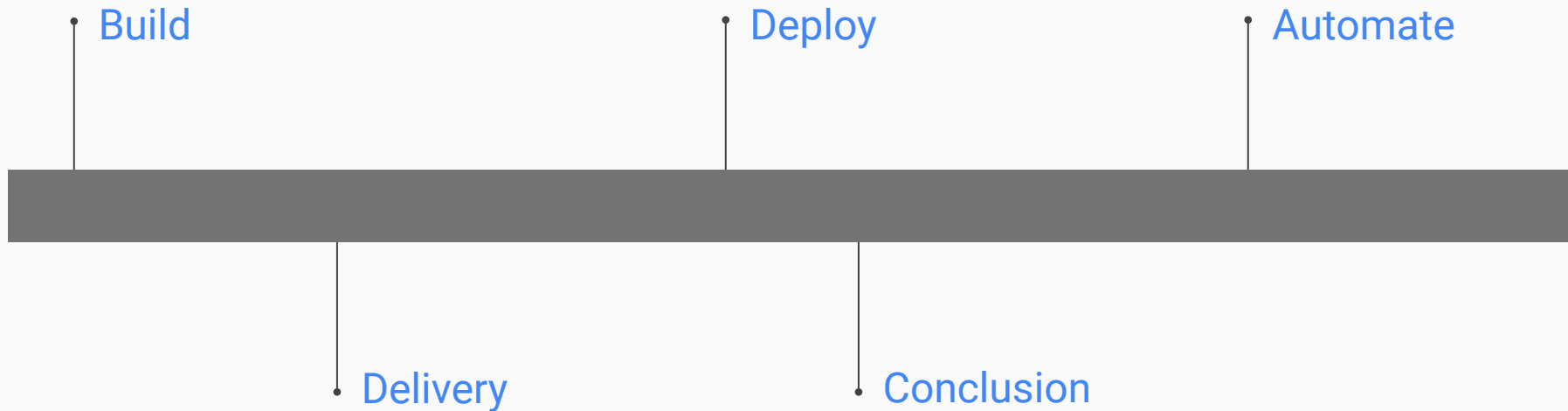


Benefits of CI/CD To UdaPeople

By : Hope Lekan Davids

Milestones

The benefits of CI/CD culture to the business can be grouped into the following segments:



Benefits of CI/CD (Businesswise)

To Build

Teams have the flexibility to update applications and build and deploy new ones in response to emerging trends, new markets, and evolving expectations. According to Rodolfo Carmona, “good CI/CD implementation starts early in the production process by making the core functionality available to end-users right away. That way, early feedback and usability issues can be addressed without the need for major time-consuming refactors to change the direction later on.”

According to 3Pillar Software Engineer, Paul Estrada, the strategy “fosters a culture of innovation, allowing developers to experiment with new technologies and try out new ideas. Teams can test different features with real users in parallel and use their findings to ensure

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Benefits of CI/CD (Businesswise)

To Deploy & Delivery

CI/CD is also good for the bottom line. It standardizes deployment processes across all projects, and, done right, it enables teams to systematically test every change made to the source code.

As a result, this process stands to dramatically reduce the likelihood that any bugs or errors slip through the cracks and cause problems down the line. Done right, this practice can lower development costs by eliminating many of the costs incurred while building and testing code changes.

And because CI/CD also makes it easier to deliver high-quality products to market faster and respond to feedback as it comes in, organizations stand to see an increase in profits. Customers stick around longer and will likely recommend your products to others in their network.

Benefits of CI/CD (Businesswise)

To Automate

Without CI/CD, developers and engineering teams deal with more pressure in their day-to-day—service interruptions, outages, and bad deploys can put their jobs at risk.

CI/CD automation can eliminate manual tasks, prevent coding errors, detect problems before deployment, allowing teams to work faster without compromising quality. Because it takes less time for development teams to find and fix problems during the production process, CI/CD can dramatically accelerate release rates. What's more, organizations can support recurring releases if code is developed in an automated testing pipeline.

With this, there is less manual work which in turn reduced cost of labour for the business.



Conclusion

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.

