

AI & ML is changing the fundamental way that we think of DevOps



40% of DevOps teams will be using application and infrastructure monitoring apps that have integrated artificial intelligence for IT operations platforms by 2023.

Gartner

#### What is DevOps?



DevOps integrates the process of software development and information technology



DevOps helps to build, test, and release software faster



DevOps fill the gap between development and operation



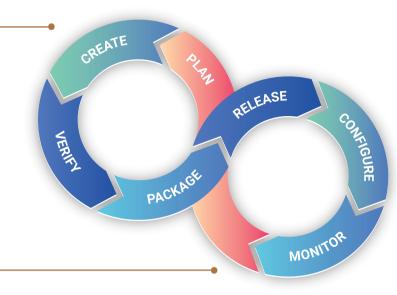
DevOps generate a large amount of data used for monitoring, streamlining the work process



DevOps and its future largely depend on artificial intelligence

#### DevOps and Adoption of Al

DevOps is a set of software development practices, a combination of software development (Dev) and information technology operations (Ops).



## Benefits of AI & ML on DevOps

The application of AI with tools like
Git gives visibility to address
irregularity in code volume.

ML makes effective Quality checking
by building comprehensive test
patterns based on learning from
every release.

ML integration offers DevOps with

secure application delivery by identifying behavior patterns for avoiding anomalies.



analyzing resource utilization, and other patterns to find memory leaks.

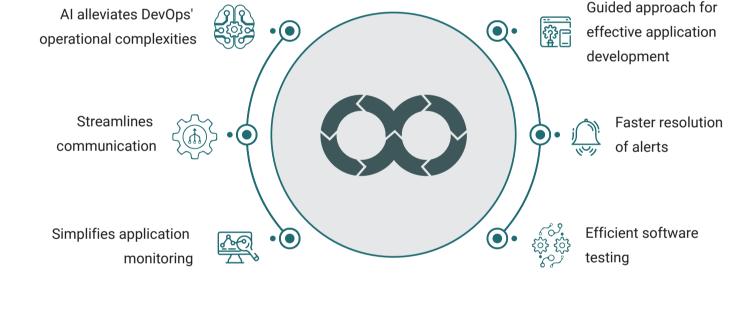
ML can be beneficial when

ML plays a key role as it can analyze machine intelligence and plays a crucial role in dealing with sudden alerts.

The Ops team gets enabled to detect issues early by ensuring immediate mitigation response to allow business continuity with the help of AI & ML.

Artificial Intelligent is taking DevOps to a new level of Accuracy, Quality, and Reliability.
- Forbes

### How Al is Transforming DevOps?



# Need for DevOps-as-a-Service

Opting for DevOps-as-a-Service has many benefits, as a result of the core principles associated with it.

DevOps increases product release velocity and efficiency



DevOps-as-a-Service gives engineers more flexibility



DevOps-as-a-Service leads to a data-driven approach towards a solution



DevOps-as-a-Service gives fast access to a valuable niche of specialized engineers

DevOps approach leads to better documentation



project, releasing products to market 70% faster.

Version management

**DevOps-as-a-Service Solution** 

#### Automate the majority of manual, critical, and time-consuming operations on your

DevOps-as-a-Service leaves your team free to focus on new work and relationship management as daily tasks are automated.

DevOps-as-a-Service team builds product-specific pipelines, helping you respond efficiently to fluctuating market needs.

the DevOps toolchain





(audit and implementation)

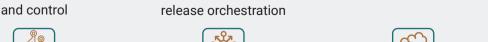
Infrastructure-as-a-Code



Monitoring

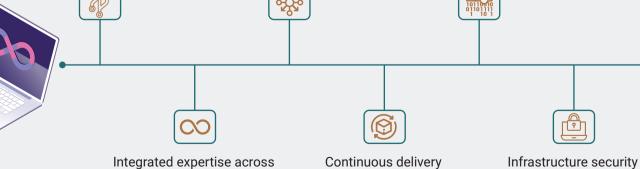
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and continuous

transform total experience, and add cognitive analytics to applications.

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