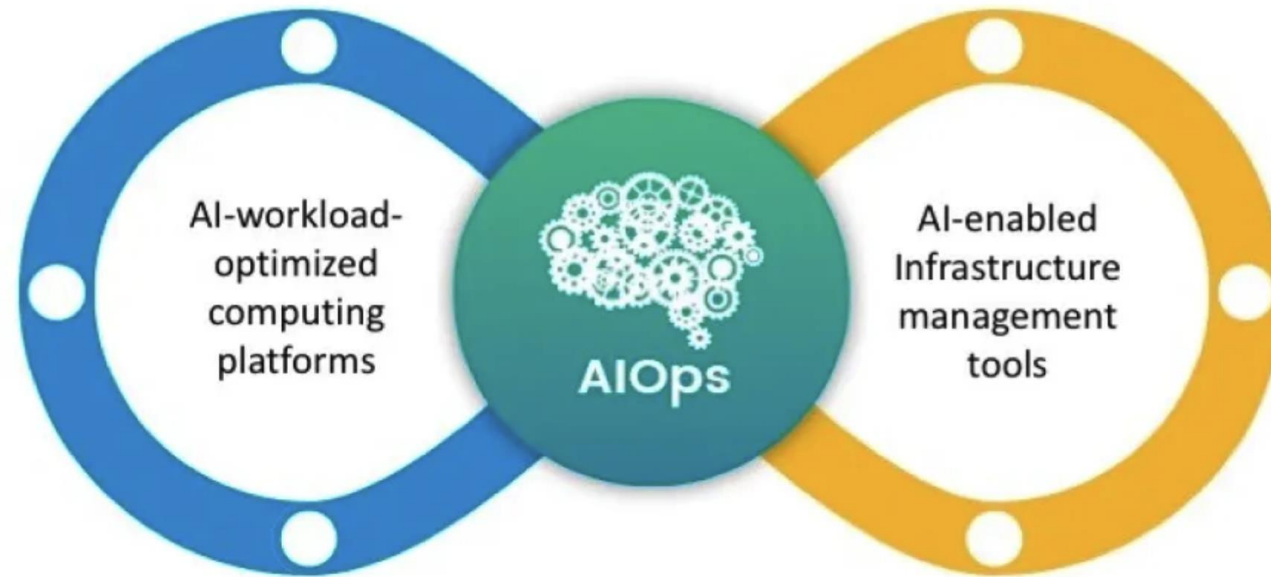


AI for DevOps
professionals:
Transforming IT
Operations





Martin Dimovski

Microsoft MVP | MCT



Elkhan Yusubov

Microsoft MVP | MCT RL

Who are the Cloud Marathoners ?

Welcome to our vibrant community. This is a space where learning meets connection, and where every member is on an exciting journey to transform their IT career. If you're ready to take a leap from IT Support into the world of Azure and Azure DevOps, you've found your new home! Here, we're all about making learning interactive, fun, and socially engaging. Whether you're taking your very first steps in Azure or looking to add DevOps/DevSecOps to your skillset, our room is designed for all levels.

Agenda

AI Skilling Challenge

AI + Operations = Brighter Future

What from DevOps, AIOps offers ?

The Transformative Power of AIOps in IT Operations

Why Working in an AIOps-Enabled Company is game Changer

Three-phased AIOps approach

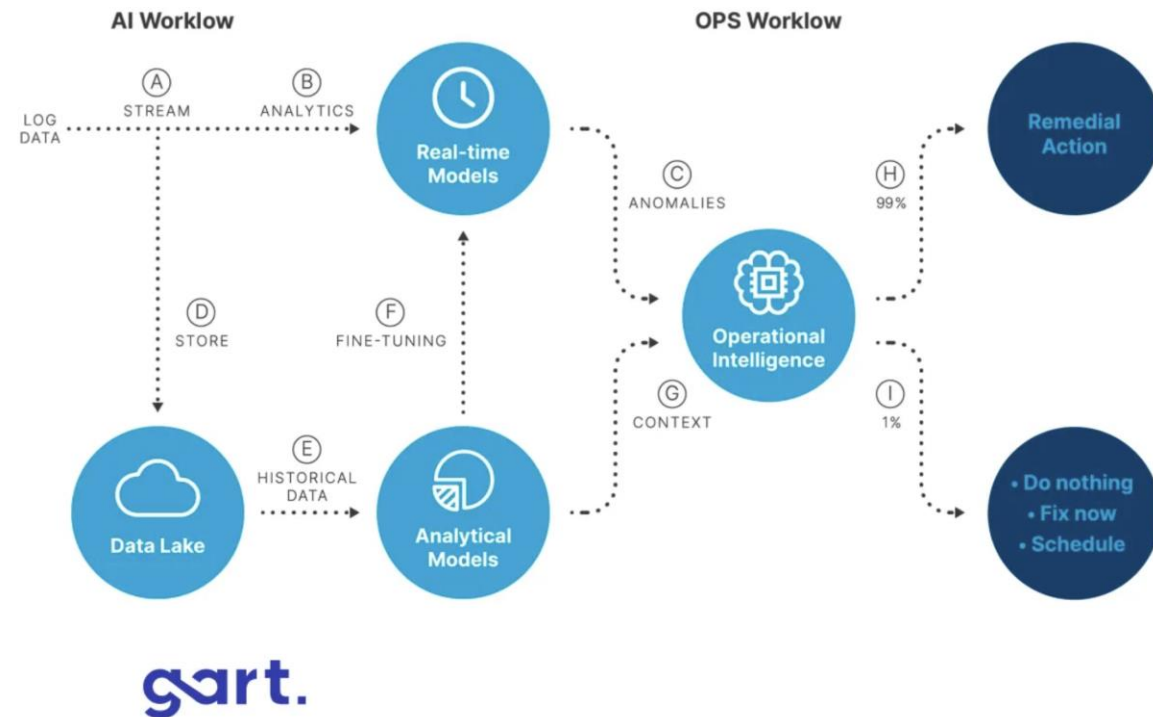
AIOps Landscape

Who is using AIOps and Why

The Cost Impact of AIOps

AI + Operations = Brighter Future

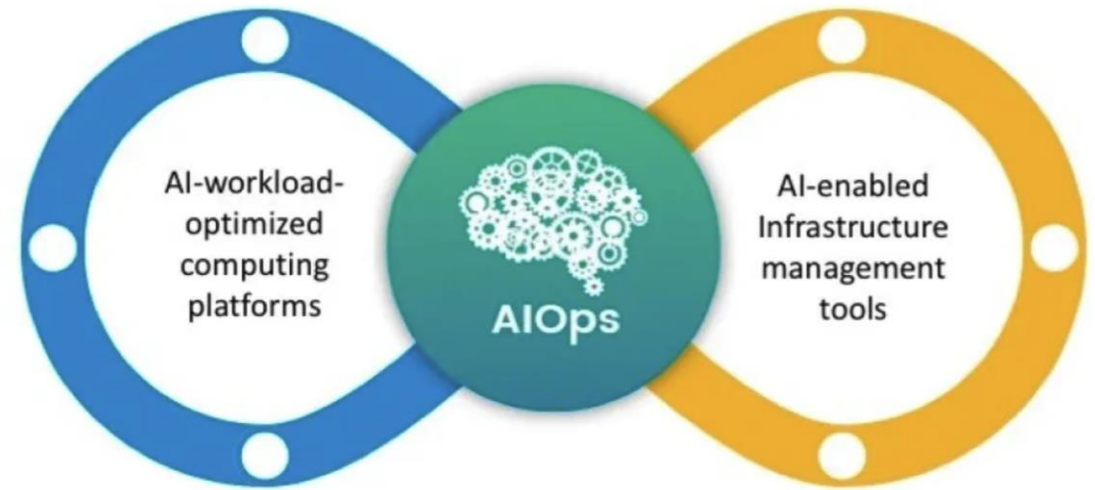
- Data Ingestion and Collection
 - Importance of Data in AIOps
 - Types of Data Sources
- Machine Learning Algorithms
 - Role in Pattern Recognition
 - Predictive Analytics
- Automation and Orchestration
 - Streamlining IT processes
 - Enhancing Efficiency and Response Times



well-choreographed dance instead of a chaotic mosh pit.

What from DevOps, AIOps offers ?

- Continuous Monitoring for Real-Time Performance
- Swift Anomaly Detection
- Instant alerts for quicker issue resolution
- Deep-dive root cause analysis
- Task automation for seamless operations
- Predictive Maintenance to prevent failures
- Performance and cost optimization insights

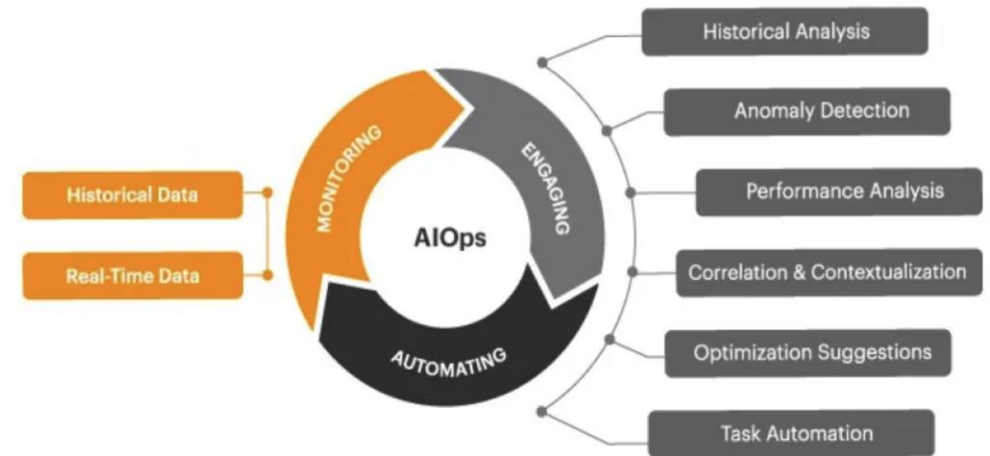


gart.

processes, compliance assessments, reporting, and more.

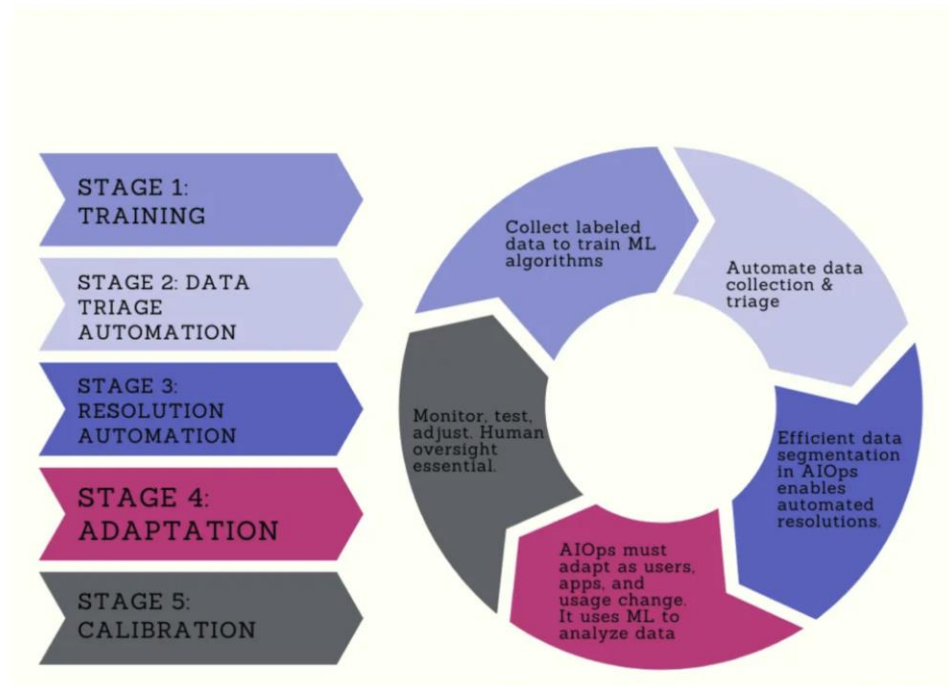
Why Working in an AIOps-Enabled Company is game Changer

- Reduced IT Complexity : AIOps frameworks come with predefined metrics, procedures, policies and process templates
- Automation of Work Processes : AIOps gathers information on all systems within a network, tracking business process execution
- Real-time Company Infrastructure Overview : AIOps continuously updates a real-time overview of a company's entire infrastructure, covering physical servers, workstations, multi-cloud environments, data repositories, application and services
- Business Continuity and Productivity Growth: AIOps frameworks help maintain strict SLA for both Internal and External users
- Quick ROI : AIOps frameworks improve IT operations, supporting high service availability
- Differentiation in the Competitive Landscape : AIOps adoption is not universal, organizations implementing these systems gain a competitive edge. Users appreciate the rapid response of applications and services, a natural outcome of AIOps implementation.



AIOps Stage = Three-phased AIOps approach

- Predicting Issues before they occur
- Preventing impact to end users
- Automating remediation and Resolution



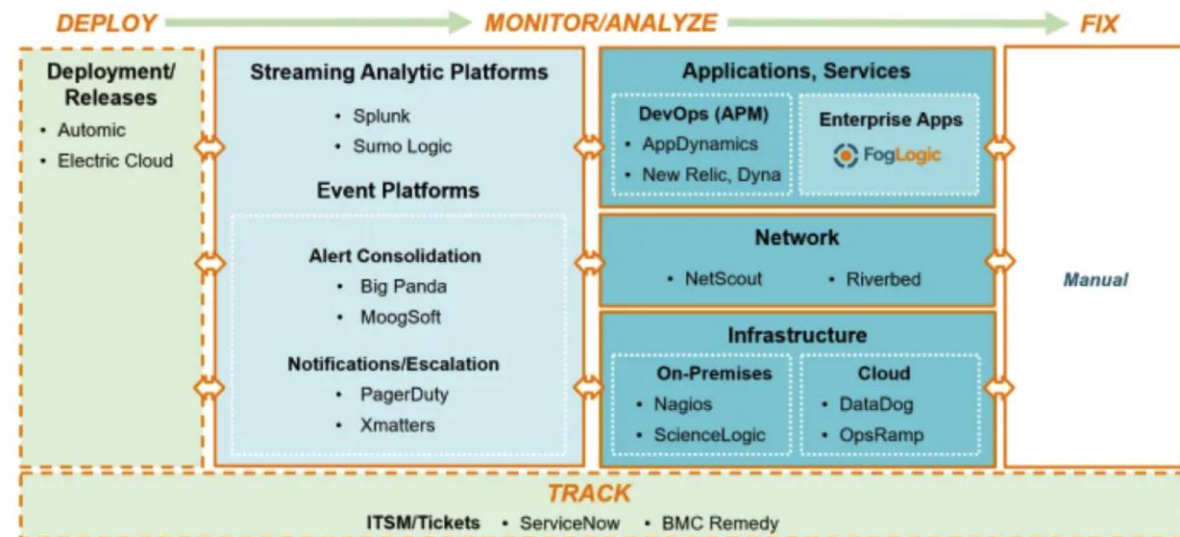
Three-phased AIOps approach



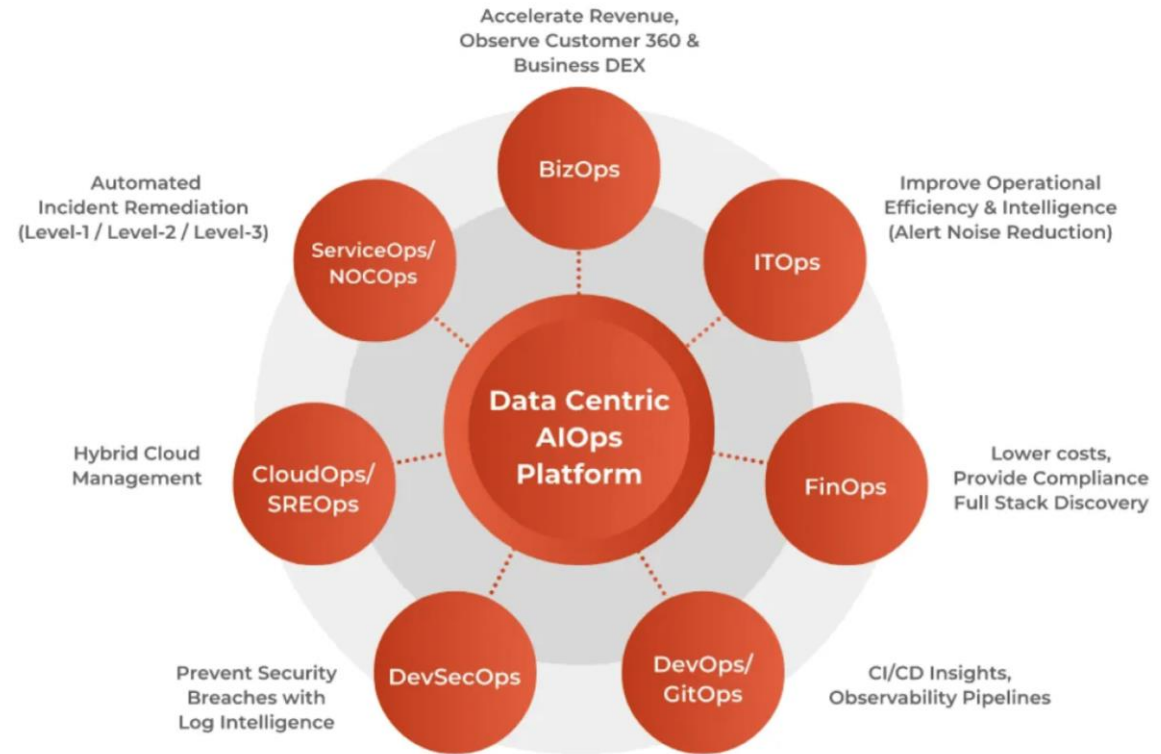
AIOps Landscape

- Monitoring – Centric AIOps
- ITSM Centric
- Data Lake Centric
- Pure Play

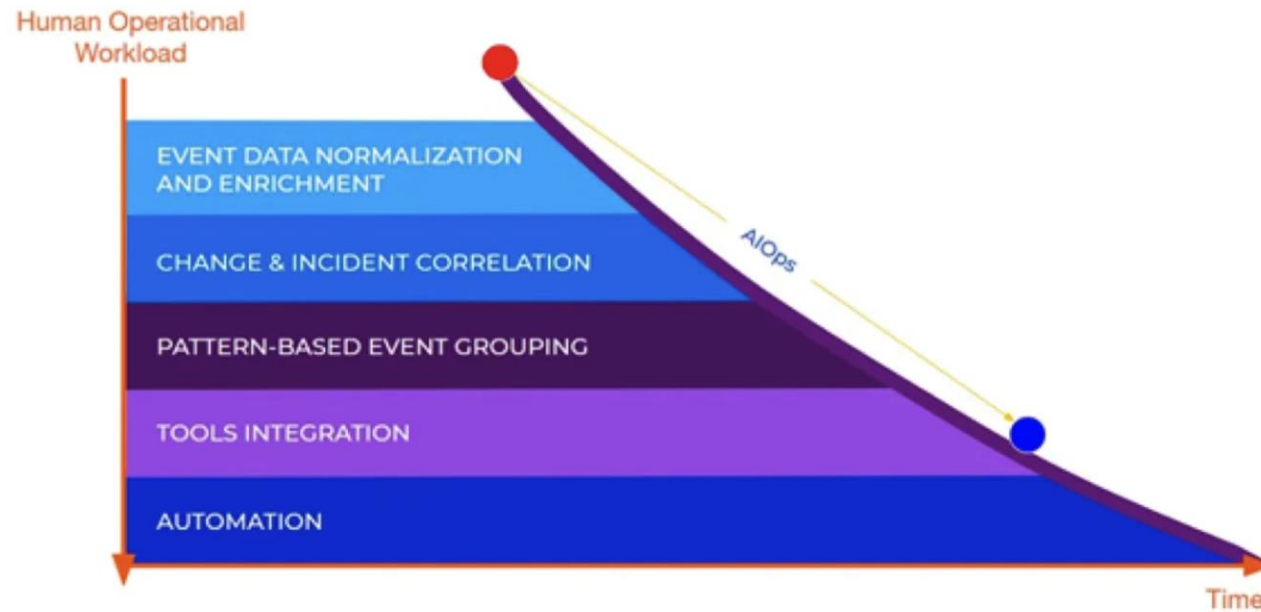
AIOps Solution Landscape



Who is using AIOps and Why



The Cost Impact of AIOps





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Conclusion

- Join to learn more with #CloudMarathoner !
From IT Support to DevSecOps Engineer with Cloud Marathoners
- Join AI Skilling Challenge
- Stay tuned on AI for DevOps professionals posts in our Microsoft Learn Room