

How to Scale AI with MLOps



Gartner predicts that more than 75% of organizations will shift from piloting AI technologies to operationalizing them by the end of 2024 – which is where the real challenges begin.

Organizations that are serious about AI have to adopt Machine Learning Operations

The path to MLOps and more effective ML development and deployment hinges on selecting the right people, processes, technologies, and operating models with a clear linkage to business issues and outcomes.

MLOps is central to industrialized AI.

As AI and ML proliferate across all industries and sectors and are adopted enterprisewide, machine learning and AI models need to be explainable in their construct, trustworthy in their genesis and underlying data, measurable in their impact, sustainable in their outcomes, scalable in their design, and self-correcting in their behaviour.

ML is just like any other powerful tool. When used correctly, it can help build. On the flip side, incorrect deployment leads to damage. A significant advantage of AI and ML capabilities is the speed of analysis and insight on a vast scale. Still, if misdirected, models can cause suboptimal and even bad decisions at the same speed and scale. To avoid this, we need to embed MLOps into all our AI and ML efforts at scale at the design phase itself.

 <h4>Processes</h4> <p>Standardise the process using MLOps to streamline development, implementation, and refinement of models</p>	 <h4>People</h4> <p>Build and empower specialized, dedicated teams that can focus on high-value strategic priorities of AI</p>	 <h4>Tools</h4> <p>Pick the tools that offer interoperability, support creativity, speed, and safety.</p>
 <h4>Collaboration</h4> <p>AI is a multi-stakeholder initiative. MLOps offers user interface and role-based access for all stakeholders</p>	 <h4>Governance</h4> <p>MLOps will help you Bake in best practices for responsible and ethical AI.</p>	 <h4>Interoperability</h4> <p>An Open MLOps platform will interoperate with the existing ecosystem to reduce friction in adopting a new tool.</p>

Business Impact



Shorter development cycles acceleration innovation



Faster time to market of ML solutions



Assurance of quality, trust-worthiness and ethical AI

Turn your Data Science efforts into value!

Reach out to us at katonic.ai for a demo.

Scale your machine learning development from research to production with an end-to-end solution that gives your data science team all the tools they need in one place.