

4 ways AI Incubator can jumpstart your AI journey

Organizations are facing increasing pressure to adopt and integrate artificial intelligence (AI). Both predictive AI and generative AI (gen AI) provide significant opportunities to build business value, but also come with their own set of challenges, including complexity, unrealistic expectations, skills, and associated costs.

The AI Incubator engagement from [Red Hat® Consulting](#)—which is delivered through a residency format where customers work side-by-side with Red Hat AI experts—provides organizations with the hands-on expertise, support, and experience they need to navigate the complete AI journey. This checklist explains how AI Incubator can help your organization overcome the key challenges of AI adoption to build an AI solution that is ready for production.

1 Build an AI roadmap that meets your unique needs

A large portion of failed AI projects are a result of unrealistic expectations of the technology, including its capabilities and suitability to meet unique business needs.

AI technologies have a wide range of valuable applications, but they are not limitless. Understanding what you can do and how it can be done is an essential stage of planning, as aligning on clear business outcomes will have a dramatic impact on the development of an AI solution and its return on investment (ROI).

AI Incubator can help your organization overcome this roadblock by providing access to AI experts who can:

- ▶ Help your internal teams understand the true capabilities of predictive AI and gen AI and how they could map to your organization's needs.
- ▶ Collaborate with your internal teams to align on realistic business objectives based on your organization's challenges, needs, and desired use cases.
- ▶ Codevelop a strategic roadmap to reach your AI goals, including steps to build internal AI skills, lower operational costs, optimize resource utilization, enhance scalability, streamline AI innovation, and achieve any other key objectives.

2 Progress your AI journey alongside Red Hat experts

A lack of required internal AI skills and expertise can often be the reason that organizations are hesitant to start their AI journey or end up stalled in the midst of it.

By providing access to Red Hat Consulting to work side-by-side with your organization, AI Incubator delivers the hands-on experience you need to:

- ▶ Align your various internal teams and processes to your desired AI outcomes, by helping them understand your business goals, breaking down organizational barriers to collaboration, and unifying your teams on a common platform.
- ▶ Develop the internal machine learning operations (MLOps) and AI engineering skills required to manage your AI platform, build further AI solutions, and set yourself up for future AI success.
- ▶ Mitigate the risks associated with AI. This includes helping your organization determine, implement, and manage technical guardrails to minimize undesired or incorrect output, and adopting AI best practices that can be used to combat malicious attacks.

3 Optimize costs and resources

Similar to any complex technology, 2 of the biggest barriers to entry to AI adoption are the associated costs (when not properly managed) and the required resources.

Through the AI Incubator, AI experts help your organization understand how to optimize operational costs and internal resources by:

- ▶ Helping you determine your desired metric of success (whether that be cost per million tokens or otherwise), evaluate where improvements could be made within your organization's teams and processes, and ultimately, plan and execute ways to achieve those improvements.
- ▶ Equipping your internal teams with the AI skills and expertise they need to streamline operational costs of future AI projects.
- ▶ Delivering enablement to help your teams apply their existing platform skills to further streamline operational costs of future AI projects.
- ▶ Providing access to the Red Hat partner ecosystem. This ecosystem includes a vast range of providers offering solutions and services for AI—such as required hardware or complementary software—that are preintegrated with Red Hat's AI solutions.

4 Accelerate the path from prototype to production

Navigating the AI journey to the point where your AI initiatives are ready to be moved into production and capable of producing business value can be an arduous and time-consuming task, especially without the right skills and support.

By accessing the AI expertise needed to navigate these crucial stages, your organization can streamline its path from prototype to production. AI Incubator helps you accelerate the time to value of your AI initiatives with the help of Red Hat Consulting, who work with your organization to:

- ▶ Teach internal AI teams and personnel (such as data engineers and platform engineers) Red Hat's proven best practices for predictive AI and gen AI.
- ▶ Help your internal teams learn how to operate and collaborate on a platform that is designed to support their MLOps and AI engineering skills.
- ▶ Collaborate closely with your teams to work through the experimental stages of your own proprietary AI solution development, including prototyping your solution, testing it for effectiveness and efficiency, and engineering any required changes to get it ready for production.

Navigate your AI journey with Red Hat

The Red Hat Services portfolio consists of [Consulting](#), [Training and Certification](#), and [Technical Account Management](#) to help align your goals and processes, build the required AI skills, and proactively plan to resolve potential problems. Visit the [Red Hat Consulting for AI webpage](#) to learn more about how AI Incubator and other Red Hat Consulting engagements can help you navigate the complete AI journey and set you up for future AI success.



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