

AI READINESS ROADMAP: BUILDING A SMARTER, MORE DATA-DRIVEN ORGANIZATION



Artificial Intelligence (AI) isn't just the future, it's today's competitive advantage. Successful adoption doesn't happen overnight. It requires the right foundation, infrastructure, and culture to ensure AI drives real business outcomes.

This roadmap outlines what a strategic AI journey can look like, from early education and pilot projects to advanced, organization-wide AI decision-making. Whether your business is just exploring possibilities or ready to expand, each phase offers actionable steps to help you move forward confidently.

1 Phase 1: Foundation (0–6 Months)

- Build understanding and prepare your data.
- Start by educating your team and identifying where AI can deliver the greatest impact. Evaluate your current data environment, define measurable goals, and select one or two small pilot projects to begin your journey.

Example: launch a simple chatbot to automate FAQs and collect valuable user data.

3 Phase 3: Advanced Implementation (18–36 Months)

- Leverage AI for personalization, insight, and protection.
- With solid data and systems in place, expand AI use across the business.
- Personalize customer experiences, use computer vision for quality control or security, and deploy AI-driven cybersecurity to detect and prevent threats in real time.

Example: use machine learning for targeted marketing or AI threat detection for network monitoring.

2 Phase 2: Expansion (6–18 Months)

- Strengthen data systems and scale early wins.
- Once your foundation is set, improve how you collect, store, and govern data. Introduce predictive analytics to forecast demand or identify maintenance needs, and automate repetitive workflows with AI-powered tools.

Example: implement predictive models for sales or RPA to handle routine data processing.

4 Phase 4: AI-Driven Decision Making (36+ Months)

- Empower data-informed decisions across the enterprise.
- At this stage, AI becomes a core driver of strategy. Use advanced analytics for forecasting, optimize supply chains, and pilot autonomous or energy-efficient systems. Establish clear AI governance to ensure ethical and transparent practices.

Example: integrate AI into decision support tools or automate key operational processes.

Prelude helps organizations assess their readiness for AI, strengthen their infrastructure, and identify the highest-impact opportunities for automation and intelligence. Through our proven process, we make AI adoption practical, strategic, and scalable.