

The Application Owner's AI Cheat Sheet

From automating complex tasks to lightening the manual app integration load and beyond, artificial intelligence (AI) is driving significant outcomes for organizations globally. But businesses need the foundation and tools in place to achieve their goals with this technology. After all, with great power comes great responsibility.

If you lack real-time data integration, strong low-code/no-code integration tools and end-to-end automation, then AI initiatives won't flourish the way you want them to. Packed with practical strategies and examples from industry leaders, this cheat sheet is the place to begin if you want AI to thrive.

Optimize Your AI Data Foundation

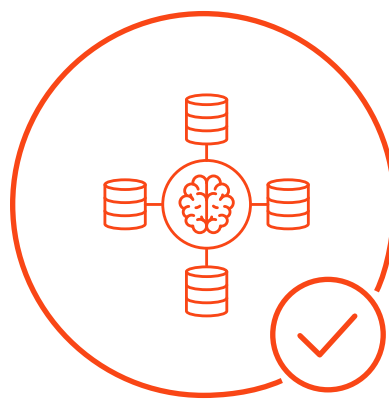
Key Insight:

70% have faced challenges with the right training data, leaving their AI models vulnerable to biased or inaccurate outputs.

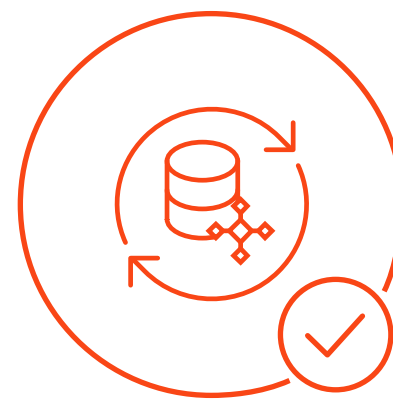
Action Items:



Establish a robust, scalable data infrastructure to support AI initiatives.



Ensure data completeness and quality by integrating diverse data sources.



Implement real-time data integration to enhance decision-making.

Real-World Example:

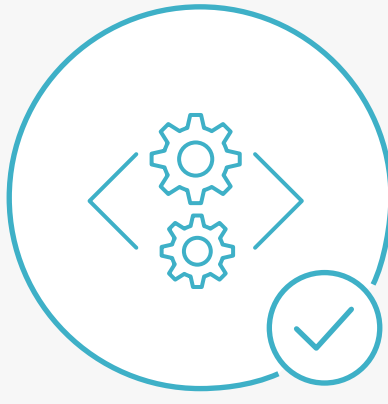
Old Dominion University connected diverse data sources to improve data quality and accuracy and establish a solid foundation for future AI initiatives.

Facilitate Smooth Application Modernization

Key Insight:

Over 70% say modernizing applications is a top priority to drive improved security, reliability and scalability.

Action Items:



Focus on API and application integration for seamless connectivity.



Use AI-powered tools to automate and streamline legacy system modernization.



Create a unified infrastructure for data exchange between on-premises and cloud apps.

Real-World Example:

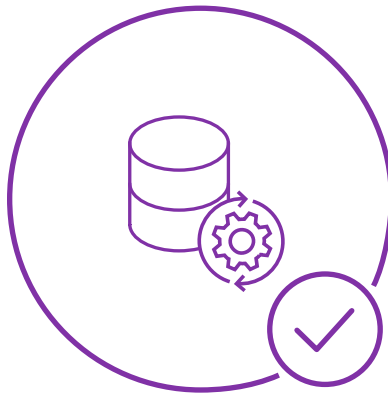
Maple Leaf Sports and Entertainment reduced delivery times significantly by incorporating an AI-powered data management solution.

Establish a Resilient Connected Data Management Ecosystem

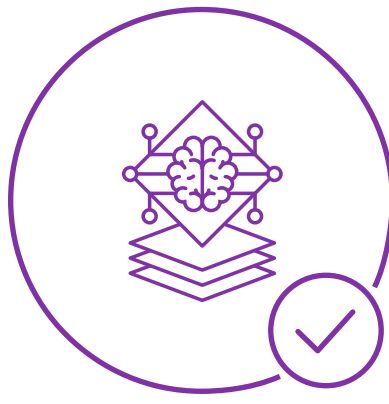
Key Insight:

80% of organizations report siloed operations that hinder data integration.

Action Items:



Implement a centralized platform for unified data management and access.



Break down silos with AI-enabled data integration and governance frameworks.



Empower teams with self-service analytics and democratized data tools.

Real-World Example:

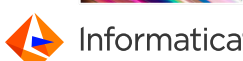
Dr. Reddy's Laboratories achieved over 95% AI data quality benchmark by automating cross-departmental data governance and integration.

Set your organization on the path to AI-driven success.

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Source: Informatica, The Application Owner's AI Playbook: 4 Strategies to Maximize Impact, 2025

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