Microsoft Power Platform

Power Platform simplifies SharePoint governance with AI-driven automation

As SharePoint environments grow in both size and complexity, so do the challenges of managing site lifecycles. Administrators are often left with sprawling site collections, unclear ownership, and manual processes that are too slow to keep up. The result? Missed opportunities to streamline governance, reduce risk, and free up valuable IT time.

To address these challenges, the development team built an intelligent solution using Microsoft Power Platform that automates SharePoint site archiving, integrates directly into existing workflows, and helps administrators make faster, more informed decisions. By combining automation, AI, and scalable tools, the solution streamlines governance and reduces the manual overhead that often slows teams down.

Challenge

Streamlining SharePoint site lifecycle management

In large organizations, SharePoint usage tends to grow rapidly and unevenly. Over time, many sites become stale, go ungoverned, or lose clear ownership. For administrators and archivists, evaluating whether a SharePoint site is still active, needs to be archived, or falls under specific retention rules is not only time-consuming but also error prone.

Manual auditing and disconnected tools simply weren't cutting it. The team focused on creating a single solution that could intelligently assess site activity, surface relevant insights, and help archivists act with speed and confidence.

The goal was to build a solution that would assess activity, surface insights, and help archivists respond quickly.

Solution

Automating archiving processes with AI

To build a smarter solution, the team turned to Power Platform, using it as the foundation to bring their vision to life. The platform's extensibility, built-in AI capabilities, and seamless integration with SharePoint and Azure made it possible to move fast while staying aligned with enterprise standards.

[Read the setup documentation]

The solution includes a dashboard that provides an at-a-glance view of SharePoint site health and integrates Azure AI for intelligent automation.

Core components include:

Power Apps
App enables administrators to manage SharePoint site archival and provides insights from AI assessments.

Dataverse
Built-in Dataverse AI functions analyze the sentiment of AI summaries generated for the sites to aid in archival decision making.

Copilot Studio
Allows user to ask questions in natural language and receive intelligent archiving guidance in real time

Power Automate
Automates site retention and deletion logic with support from AI generated summaries of sites.

Azure services
Azure AI Search retrieves files from Azure Blob Storage which is then processed by OpenAI to generate a summary of the SharePoint site.

Result

Faster decisions, less friction, and enterprise-ready scale

The final solution delivered tangible results quickly automating a once-manual and error-prone process while giving administrators better visibility and control.

Key outcomes:

- Smarter decision-making with AI-generated summaries and sentiment analysis.
- Less manual overhead through automation of audit and archiving workflows.
- Real-time support via the SharePoint agent, reducing reliance on one-to-one IT help.
- Enterprise-grade compliance using existing Microsoft 365 security frameworks like role-based action control (RBAC) and data loss prevention (DLP) .

Because it's built on Power Platform, the solution can evolve easily whether that means supporting more data sources, expanding AI capabilities, or deploying in additional environments.

Learning resources

Explore these resources for more examples and practical guidance.

- AI-driven SharePoint archiving GitHub repository
- Powerful Devs Hack Together series
- Power Platform samples
- AI in Action series