5 Steps to Building an AI Strategy Within Your IBM® i Environment

Artificial Intelligence (AI) offers new possibilities for IBM® i users and IT leaders, providing powerful tools to help you optimize your environments and make better decisions. This marks a significant step forward in modernizing your IBM® i platform.

Here are five steps to consider when planning the AI strategy for your IBM® i environment.

01. Determine what type of IBM® i company you are

There are three common types of IBM® i organizations:

• IBM® i only, now and forever. If you do have other systems, they are incidental at best.
• IBM® i is central within your IT network, but you have peripheral systems to engage IBM® i data and applications when needed.
• IBM® i is an essential but not central part of your IT system.

02. Move towards agile development

- The data available to AI increases significantly if your IBM® i team speeds up the DevOps and modernization processes.
- This also means faster feedback to the models, allowing better and quicker tuning of the model.

03. Build a data strategy

AI relies on high-quality, historical data. So you’re going to need to build a solid data strategy that includes:

• A data governance policy
• Investment in data infrastructure
• An AI team to build and monitor models
• Training for employees on data management best practices

04. Start collecting data

The types of data you’d want to collect are:

• Copies of the database
• Identifiers — how users engage the database and the applications
• Information on how things work
• Language models

05. Envision how your DevOps and data scientist teams coordinate

Data collection and R&D often happen in different departments, leading to a disconnect when considering time to market for new software packages. Be sure your DevOps team:

• Closely coordinates with the Machine Learning Operations (MLOps)/ModelOps teams when deploying new software packages.
• Adopts AI engineering best practices to better align with the MLOps/ModelOps teams.

Ready to get started?

To explore dozens of ways IBM® organizations can take advantage of AI, while learning about the challenges and limitations of this technology, read our whitepaper, “The Future of IBM® Strategy Starts With AI,” or speak with an expert today!