



# 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.



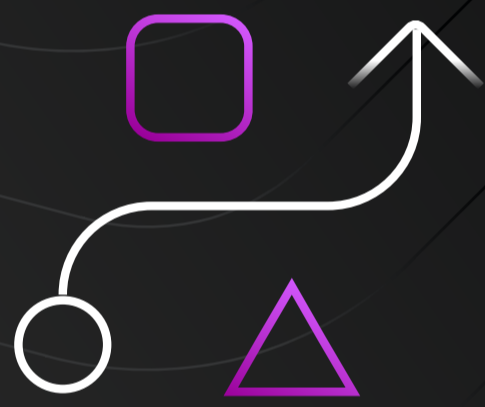
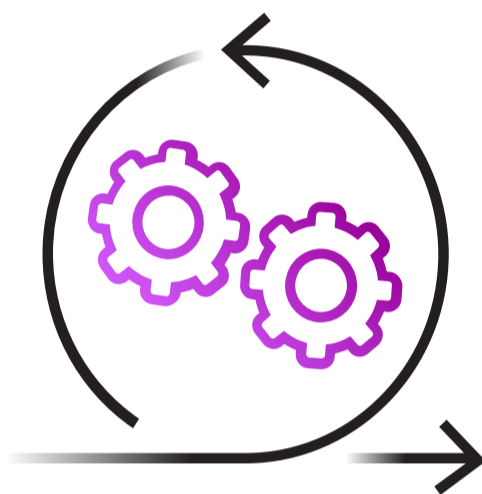
## 01. Determine what type of IBM i company you are

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

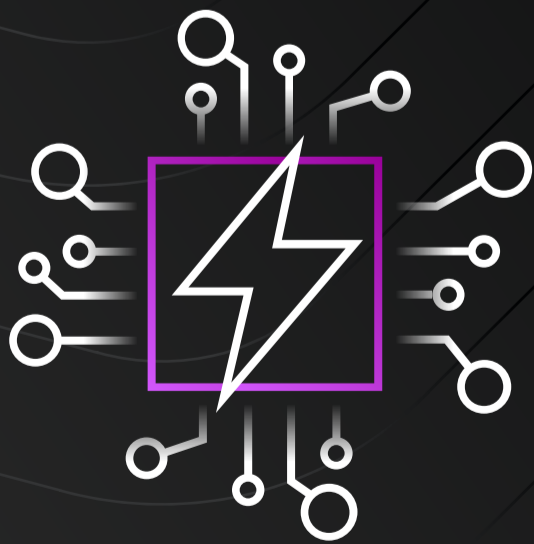
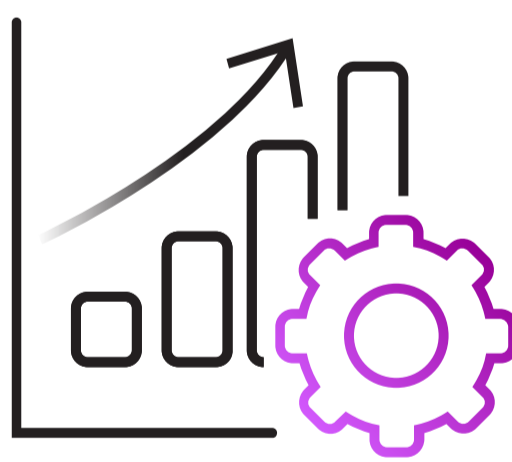
AI relies on high-quality, historical data. So you're going to need a solid data strategy that includes:

- 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
- Workflows—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 i organizations can take advantage of AI, while learning about the challenges and limitations of this technology, read our whitepaper, "The Future of IBM i Strategy Starts With AI," or speak with an expert today!