

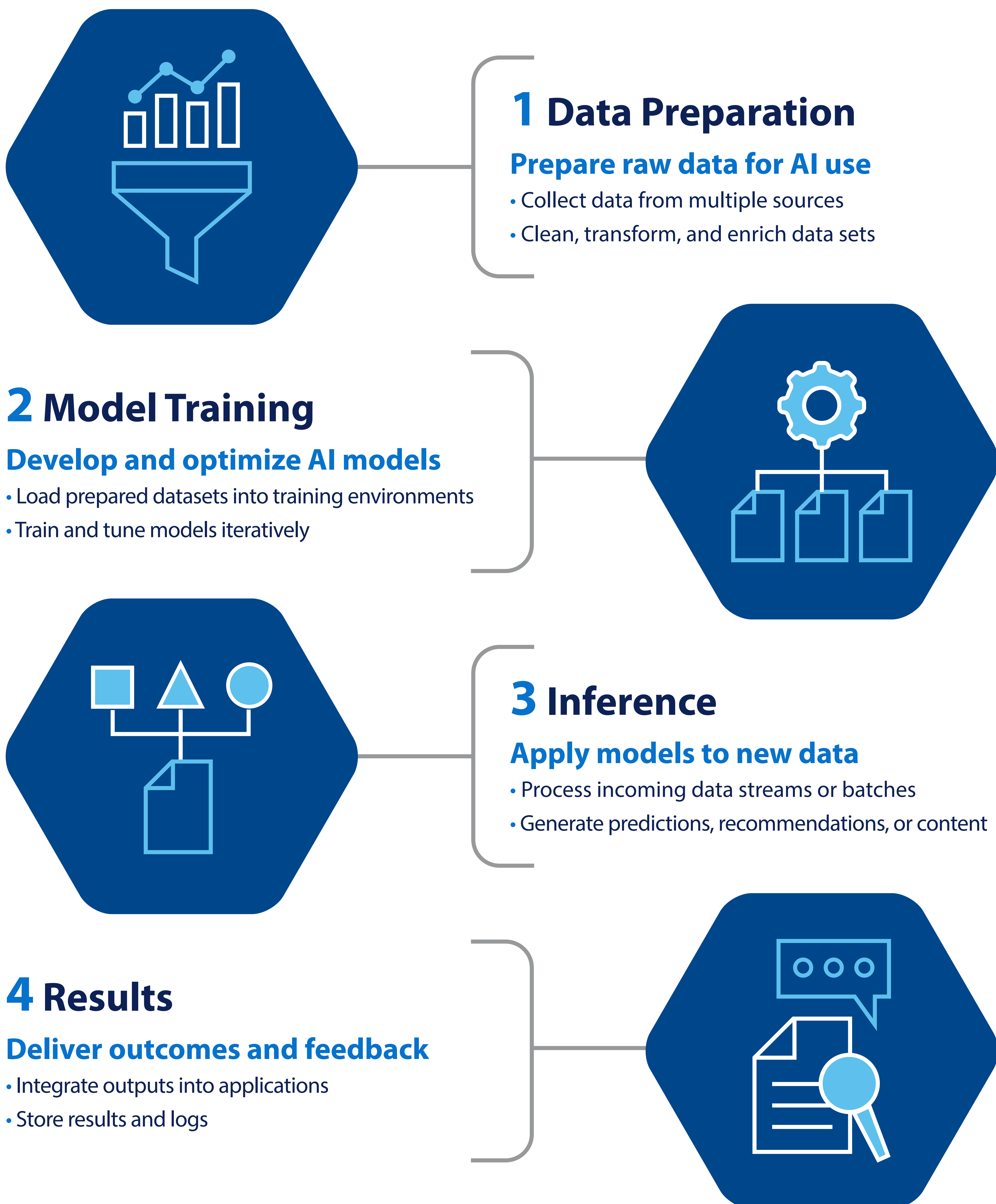


# AI Workflow and Evolving Storage Needs

## Adapting storage solutions to meet AI's demands

### Storage requirements across the AI lifecycle

As AI transforms industries, success depends on efficient data storage at every stage of the workflow. From preparing raw data to delivering actionable insights, each phase requires distinct storage capabilities to support scalability, performance, and reliability.

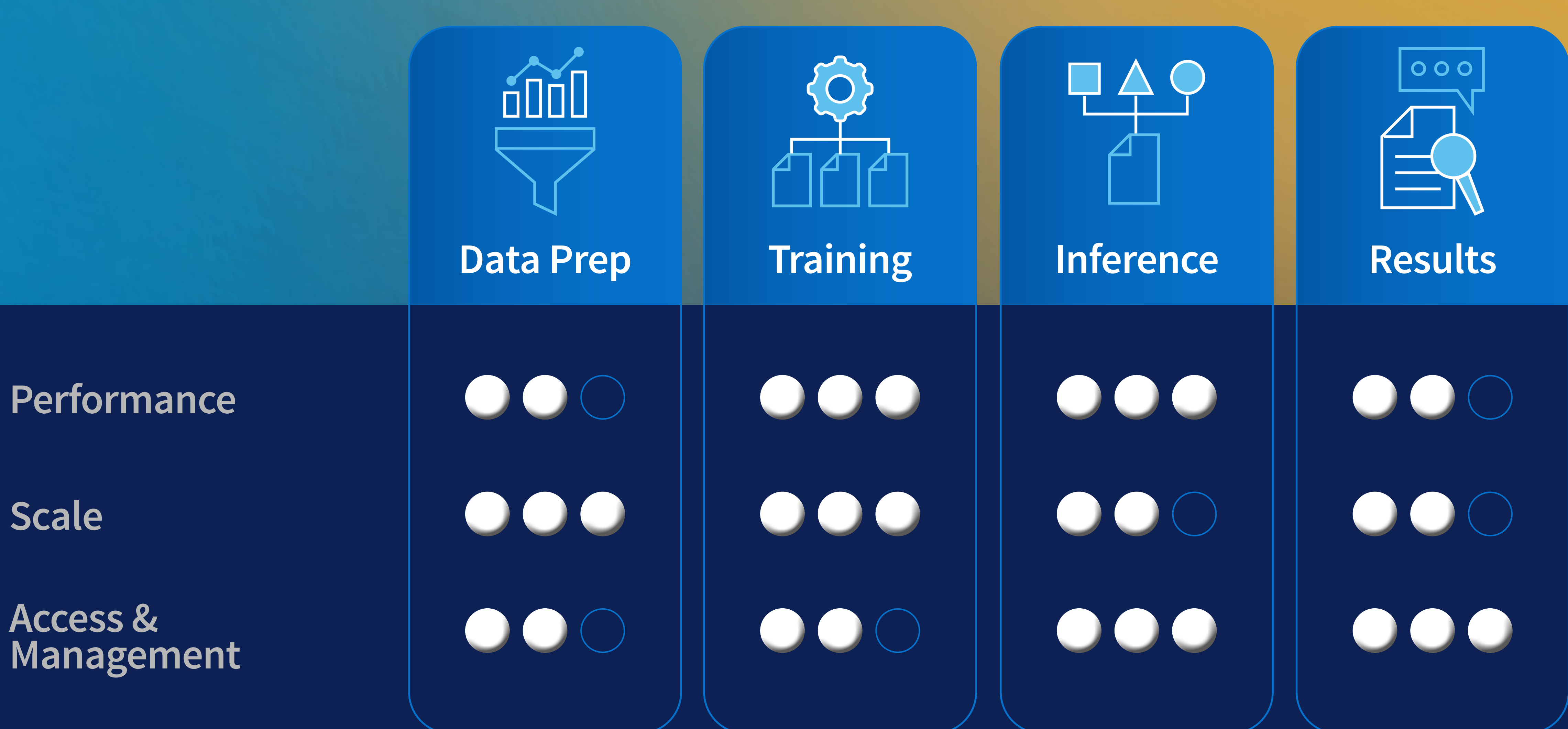


### Did You Know?

AI workflows involve millions – or even billions – of small objects, creating storage demands very different from traditional large-file systems. This shift requires systems that can handle high metadata overhead and intensive I/O operations.

### How storage needs shift across AI stages

Storage requirements evolve throughout the AI lifecycle, with varying demands for performance, scalability, and data management.



AI workflows place unique demands on storage systems, from managing billions of small objects to enabling real-time inference with low latency. Choosing the right storage architecture is critical to ensuring scalability, efficiency, and performance. Object storage excels in meeting these challenges, offering the flexibility to handle diverse data types and the speed to keep AI workflows running smoothly at every stage.

Click [here](#) to read the full white paper.

