

Application Accelerator

Highlights

- Build and deploy an application on your Kinetica GPU-accelerated database
- A Kinetica Solution Architect works with your team to translate business requirements into queries running on Kinetica
- Learn common practices for developing, testing and deploying applications on Kinetica

Kinetica Application Accelerator Overview

The goal of the Kinetica Application Accelerator is to design, build and deploy your first application using Kinetica. A Kinetica Solution Architect will work with your team to review your application requirements, and assist in designing your solution and implementing the use case using Kinetica best practices.

The Kinetica Application Accelerator package enables you to quickly build and deploy your application on Kinetica in your enterprise environment. It includes a pre-scoped 2 to 4 week consulting engagement designed to accelerate a successful Kinetica application deployment and enable support for fast data access. A one year license subscription for up to 3 TB of memory is also included.

Project Activities

The following activities will be performed as part of the Kinetica Application Accelerator:

Application Planning		Application Development		Application Deployment	
Project Review	Application Design	Application Code Implementation	Application Code Testing	Kinetica Documentation	Kinetica Knowledge Transfer
Confirm project scope, objectives and timeline	Validate application requirements	Validate data tables and data correctly loaded	Validate table design and data	Documentation of project activities	Formal session to review project activities and application runbook
Confirm project resources and availability	Create and document application design and data integration	Develop application and test code in alignment with acceptance criteria	Execute tests against application acceptance criteria	Documentation of Kinetica application design	Formal transfer of customer application and environment details to the Kinetica Support organization
Identify any dependencies or risks for the successful application deployment	Create and document application acceptance criteria	Commit code to approved code repository	Update application code based on test and performance results	Kinetica runbook for production operation activities	

Project Deliverables

The following deliverables will be completed and delivered within the Kinetica Application Accelerator engagement:

- Fully functioning application deployed on Kinetica within customer enterprise environment or supported cloud environment
- Project documentation detailing application design, activities completed within engagement and a detailed operations runbook for customer application
- Knowledge transfer from Kinetica consultant to customer team detailing customer environment and steps to successfully operate application on Kinetica

Project Dependencies

The following dependencies need to be resolved before starting the Kinetica Application Accelerator to ensure successful project delivery:

Kinetica Install A working instance of Kinetica is required to be installed and configured before starting the Kinetica Application Accelerator engagement

Data Availability Data required for application development must be readily available to Kinetica instance

Network Access Network access between data sources, Kinetica and to supporting infrastructure is required to Kinetica architect and delivery team

Application Capabilities The application capabilities will be mutually agreed upon between Kinetica and customer, in order to validate the scope fits within the 4 week project period

Kinetica Training

The following training capabilities will be provided to enable users with base skillsets to install and operate a Kinetica cluster:

Video Tutorials A library of video tutorials to guide platform administrators through the process of installing, configuring and operating Kinetica

PDF Tutorials A collection of self-paced tutorials that walk users through the installation and configuration of Kinetica and the process to create and load tables



For more information on Kinetica and GPU-accelerated databases, visit [kinetica.com](https://www.kinetica.com)

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