

# DataStax and Cassandra Services, Resources and Rates



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## about kpi

- 4+ years experience with DataStax/Cassandra
- DataStax/Cassandra Strategic Partner
- Cassandra, DSE, Spark, Solr, Java, Scala, Chef expertise
- 200+ enterprise customers
- Onshore and Offshore consulting
- Expertise with other relational and big data technologies

## KPI's DataStax and Cassandra Services

### Overview

Whether you need assistance to initiate a DataStax Enterprise (DSE) or Cassandra journey or you need DevOps support to manage your application, you can rely on KPI Partners' to provide expert consulting to manage your DataStax/Cassandra cluster and to build applications.

We can undertake complete turnkey projects or can collaborate with your team during your pilot to production application life cycle. We also provide operational support for your production environment either onsite or remote based on your requirement.

DEVELOPMENT PHASE	HOW KPI CAN HELP
<b>INITIATE</b> Initiation	<ul style="list-style-type: none"> <li>• Use Case Validation</li> <li>• Architectural Recommendation</li> </ul>
<b>EXECUTE</b> Cluster Install Development	<ul style="list-style-type: none"> <li>• Cloud, Hybrid, On Premise Performance Tuning</li> <li>• Data Model</li> <li>• Application</li> <li>• Migrations from other databases</li> <li>• Spark</li> <li>• Solr</li> </ul>
<b>MANAGE</b> Operational Support	<ul style="list-style-type: none"> <li>• Onsite or Remote managed services</li> </ul>



## project experience

- Product Catalog and Playlist
- Fraud Detection
- Personalization and Recommendation Engine
- Loyalty Program
- Application migration from other databases to Cassandra
- Spark and Analytics integration
- Tableau and other BI tools on Cassandra/DataStax

### Project Initiation

KPI can assist you with use case validation, architecture recommendation as well as project planning.

### Cluster Install

KPI will work with your internal team to install or upgrade your DSE/Cassandra clusters either on premise or in the cloud (AWS or Azure). We also provide performance tuning assistance.

### Data Modeling

Data modeling for DataStax/Cassandra is quite different from a relational data modeling expertise and is the lynch pin of your project success. We will assess your application and will provide conceptual, logical and physical data model design aligned with Cassandra best practices.

### Application Development

KPI can assist you with application development using Scala, Java or the language of your choice by leveraging the capabilities of open source Cassandra as well as the enhancements of DataStax Enterprise.

### Performance Tuning

KPI can do both Cassandra/DSE performance tuning as well as tune your Java/Scala application to meet your performance SLA's .

### Search

The ability to quickly search and find data is a key requirement of all web and mobile applications. KPI's team of experts in Solr and Elastic Search have built many search applications.

### Spark

Apache Spark is a high performing general engine for large-scale data processing, streaming and advanced analytics capabilities. KPI provides the expertise to embed analytic intelligence into the application without complex multi-service integration to enable Real Time and Advanced Analytics.

### Migration to DataStax/Cassandra from Other Databases

If you are migrating to DataStax/Cassandra from another database, you need a team that knows both the original database technology (i.e. Oracle, SQL Server, etc.) and also Cassandra/DSE.

### Operational Support and Managed Services

KPI can provide dedicated on site or remote monitoring of your Cassandra/DSE database and associated applications. This includes incidence tracking, root-cause analysis, systems maintenance, required upgrades and continuous improvements.

## KPI's DataStax and Cassandra Services

Role	Dev/Ops and NetOps					Application Dev					Rates (US\$/hr)	
	Infrastructure Sizing	Install	Cluster Development	Automation via Chef, etc.	DB Performance Tuning	Data Model	Application Development (Java/Scala)	Application Performance Tuning	Spark	Solr	US Resource	Offshore Resource
Principal/Solution Architect	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	\$175 to \$250	N/A
Dev/Ops or Netops Architect/Lead	✓	✓	✓	✓	✓						\$140 to \$185	NA
Dev/Ops or NetOps Consultant	✓	✓	✓								\$80 to \$120	\$30 to \$50
Application Architect/Lead						✓	✓	✓	✓		\$140 to \$185	\$50 to \$80
Application Developer						✓	✓		✓		\$80 to \$120	\$30 to \$50
Search Specialist	✓	✓								✓	\$150 to \$200	NA
Spark Specialist	✓	✓					✓	✓	✓		\$150 to \$250	\$40 to \$60