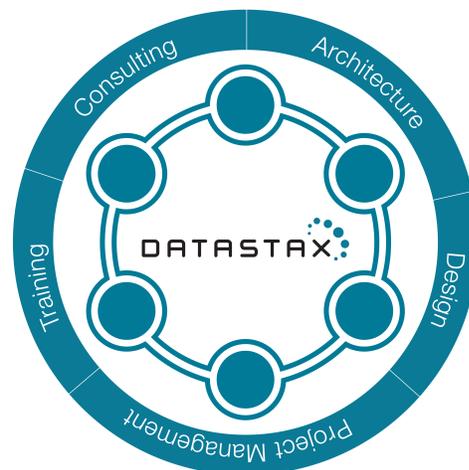


DataStax Analytics Primer Service Package

If your application requires distributed batch or stream data processing, DSE Analytics provides the power of Apache Spark™ integrated with the rest of the DataStax Enterprise data platform. Like any powerful tool, there are plenty of “gotchas” getting started – configuration, capacity planning and proper usage, to name a few.

We designed the DataStax Analytics Primer Service Package to help you quickly leverage the power of DSE Analytics. This package is geared towards customers who are already using DSE and want to add business intelligence, enhance their current data or add extract-transform-load (ETL) operations into the current workflow.



Approach

The DataStax Professional Services Team works closely with you to provide a greater understanding of key aspects of DSE Analytics. With the DataStax Analytics Primer Service Package, we will assist you with the following services activities:

- **Design and Architecture** – deep-dive architecture review with the integration of advanced analytics solutions to perform data analysis at scale, real time analysis, ad-hoc analysis. Recommendations for cluster sizing, cluster topology and workload segregation.
- **Implementation and Testing** – proactive recommendations on data modeling and job implementation based on your business use case.
- **Operations** – review performance optimization techniques and operations specific to DSE Analytics.

The package also includes delivery of the following training

- DSE320 DataStax Enterprise Analytics on-site training. Course topics include an introduction to DataStax Enterprise Analytics, Spark API, Spark-Cassandra Connector, Spark SQL, and Spark Streaming.

About DataStax

It starts with a human desire, and when a universe of technology, devices and data aligns, it ends in a moment of fulfillment and insight. Billions of these moments occur each second around the globe. They are moments that can define an era, launch an innovation, and forever alter for the better how we relate to our environment. DataStax is the power behind the moment. Built on the unique architecture of Apache Cassandra™, DataStax Enterprise is the always-on data platform and has been battle-tested for the world's most innovative global applications.

Benefits

The DataStax Analytics Primer Service Package provides you with best practices honed over hundreds of similar customer engagements. This service is designed to accelerate technology adoption with a production application on the DataStax platform and provides the following benefits:

- **Training** – build in-house expertise and learn how to effectively and efficiently solve analytical problems with Apache Spark™, Apache Cassandra™, and DataStax Enterprise.
- **Design & Architecture** – understand the Lambda architecture, near real time analytics, batch analytical processing and how to optimize Spark on the DSE platform.
- **Implementation & Testing** – Spark job optimization based on data locality, predicate pushdown, memory/speed tradeoff and proactive recommendations for workloads at scale.
- **Operations** – get familiar with all DSE Analytics configuration tuning, the performance metrics to monitor and maintenance procedures specific to DSE Analytics.

DS320: DataStax Enterprise Analytics with Apache Spark™ Instructor-Led Training

In this course, you will learn how to effectively and efficiently solve analytical problems with Apache Spark™, Apache Cassandra™, and DataStax Enterprise. You will learn about the Spark API, Spark-Cassandra Connector, Spark SQL, Spark Streaming, and crucial performance optimization techniques.

Duration	Three days
Audience	Software professionals proficient with Cassandra core concepts and interested in learning DataStax Enterprise Analytics
Prerequisites	Completion of the DataStax Enterprise Foundations of Apache Cassandra™ online course. Linux command line and programming experience.

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Terms

See the [DataStax Services Terms](https://www.datastax.com/service-terms) (<https://www.datastax.com/service-terms>) for details and terms of Services delivery.

- This is a pre-paid Services offering.
- This package includes up to four consecutive business days of service delivery followed by one day of documentation activities. This package also includes three days of onsite training.
- Included Services days will expire if not delivered within six months after receipt of a valid customer order.
- Travel and Expenses are included in the cost of the package.
- Maximum class size is twenty attendees.
- A virtual classroom option is available. We do not recommend a mix of in-person and remote attendees. The remote attendees tend to have a limited learning experience.
- A “day” is defined as an eight-hour day; partial days will constitute an eight-hour day of delivery for this purpose.

For more information, please contact your account executive or send an email to servicesrequests@datastax.com

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