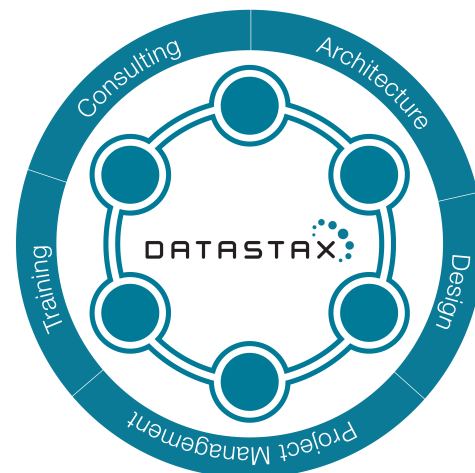# DataStax Graph Primer Service Package

If you have a large volume of data and the entities in your data have many complex relationships to other entities in your data, DSE Graph can provide a powerful way to model and access these entities and their relationships. Like any powerful tool, there are plenty of "gotchas" getting started – configuration, data modeling, capacity planning and proper usage, to name a few.

The DataStax Graph Primer Service Package is designed to help you quickly leverage the power of DSE Graph. This package is geared towards customers who are using Graph technology for the first time.

Approach

The DataStax Professional Services Team works closely with you to provide greater understanding of DataStax Graph. With the DataStax Graph Primer Service Package, we will assist you with the following Services activities:

- **Design and Architecture** – Graph design patterns: shifting focus from models to relationships.
- **Implementation and Testing** – Proactive recommendations, data modeling best practices and implementation suggestions based on the your business use case.
- **Operations** – Review configuration and ongoing maintenance procedures specific to DSE Graph.

The package also includes delivery of the following training

- **Training** – DSE330 DataStax Enterprise Graph on-site training. Course topics include property graphs, graph schemas, graph indexes, basics of populating and querying graphs and graph traversals using the Gremlin graph traversal language.

Benefits

The DataStax Graph Primer Services Package provides the 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 to be proficient in simple, branching, recursive, path, projecting, declarative, subgraph, statistical, ordering, mutating, and other types of traversals.
- **Design and Architecture** – Understand how Graph technology can be used and how to model the data store. Optimize the use of the different components provided by the DSE platform in conjunction with Graph.

DATASTAX
The power behind the moment.

- **Implementation and Testing** – Optimize the data model and query performance based on access patterns and define the test strategy at scale.
- **Operations** – Get familiar with all configuration tuning specific to DSE Graph, the performance metrics to monitor and maintenance procedures specific to DSE Graph.

DS330: DataStax Enterprise Graph Instructor-Led Training

In this course, you will learn about DataStax Enterprise Graph. The topics include system architecture, property graphs, graph schemas, data modeling, graph indexing, data loading, and graph traversals. You will become proficient in the Gremlin graph traversal language and will be able to define simple, branching, recursive, path, projecting, declarative, subgraph, statistical, ordering, mutating, and other types of traversals.

Duration	Three days
Audience	Software professionals proficient with Cassandra core concepts and looking to learn DataStax Enterprise Graph
Prerequisites	Completion of the DataStax Enterprise Foundations of Apache Cassandra™ online course. Linux command line and programming experience. Recommended knowledge of DSE Search (Solr) and Analytics (Spark).

Terms

See the DataStax Services 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 and Training 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@datastacks.com

DATASTAX
The power behind the moment.