Today's Data Architect or Specialist will drive tomorrow's data-driven solutions and advancing levels of connected intelligence.

To do this, your data team must first master the mechanics of a knowledge graph persisted in a native graph database, a technology that prioritizes relationships between data elements.

This disruptive technology eliminates the performance problem of database joins, the inflexibility of a data warehouse, and the high cost of system integration.

With GraphGrid's Connected Data Lab, the data team can quickly master the basics and begin to connect data about internal systems, customers, suppliers, and partners. Whether experimenting with your data or focusing on a specific use case, your team will see the potential for a range of new solutions from revenue-generating services, to real-time performance analytics, to real-world risk management.

Learning happens quickly and safely in your private data lab:

- **Create a connected data strategy to unify and analyze customer, enterprise, or ecosystem data**
- **Design a graph model for knowledge building and continuous learning**
- **Develop algorithms for real-time discovery**
- **Pilot interfaces for new data-driven applications**
- **Demonstrate capabilities and prove ROI of connected data**

Learning within your private data lab, your team can build competencies in connected data design. The Data Lab environment can be set up in days and will come with the guidance and support of connected data experts.

Ideal customer circumstances for private data labs

Depth of Knowledge: Data Labs are best suited for teams that have data analytics skills, interests and applications. Customers generally know that graph database technology is the right path but are having trouble with getting started and optimizing.

Targeted Innovation: Data Labs are ideally suited for establishing a sandbox for learning, experimentation, and piloting. They are especially productive for targeted use cases, ventures, or connected data problems. Ideally a proof of concept can be defined to build, test and measure both technical and business metrics in a short period of time.

Non-Disruptive: Data Labs are often established outside of existing mission critical operations and are not scaled for production environments. This enables architectural and business validation before further investment, scaling and operational integration.

Testing Reality: Data Labs are not artificial settings. They build a domain-specific data model, intake and connect multi-source data at massive volumes, and search and discover new insights with visualization tools. The Data Lab produces useful, actionable results and lays the foundation for rapid production-level operations scaling with mission critical support and security.

One size does not fit all

The Connected Data Lab is not a shrink-wrapped product that is force fit into your needs. It absolutely starts small and smart, but given that customers are familiar with the power of graph technology they often have specific applications in mind, from new customer services to internal system connectivity to making productive use of data lakes and warehouses.

While the Data Lab can be set up in days and produce results in weeks, there is a flexible approach to data modeling, data sources, desired queries, security levels, and a host of available GraphGrid platform services. Moreover, outside of applying the GraphGrid platform on a simple usage-based model, GraphGrid experts can engage with your team as desired, from light touch architectural guidance to expert review of your graph domain model to augmenting your team for period of time to develop the architecture, integrate third party software providers, and optimize analytics and production scaling. The fundamental value of establishing a Connected Data Lab is to rapidly build your internal competencies to cost-effectively deploy a production-level native graph platform at any application, scale, security-level, and analytics needs you desire.

Give us a call and we can quickly scope establishing a Connected Data Lab that suits your particular needs.

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