

# LeanXcale for accelerators

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## LeanXcale for accelerators

An accelerator's main mission is to help the accelerated companies to learn as fast as they can. They need to learn about their customers, their market, and competitors.

LeanXcale has architected a database manager that simplifies at any scale the underlying architectures that are needed in the most demanding scenarios: 5G, IoT, Smart-Grid, ad tech, traveltech, fintech, insurtech, gaming, telco, retail/eCommerce, .... Generally speaking, Leanxcale oversimplifies any data-intensive application with real-time requirements resulting in huge savings in engineering, while its scalability guarantees that your business can grow without limits imposed by limitations of the database manager.

Since these architectures based on LeanXcale become much simpler, they are faster and cheaper to develop, they require less talent and are easier to adapt to new features and with a lower price to maintain.

LeanXcale helps companies to learn more, faster and in a more efficient way, enabling complex scenarios and features.

LeanXcale has two initiatives to help accelerator and their startups:

1. Mentorship program: Startups that use LeanXcale database have the chance to receive the assessment, mentorship and advise by real database expert in order to design a better architecture that will leverage all their potential.
2. LeanXcale with no cost: providing a world-class database for free, until startups turn into scale-ups, and a database mentorship, where real experts on database will help companies.

## What is LeanXcale?

LeanXcale is a new generation database manager that groups the characteristics of a full database stack in a single engine, managing data at any scale while fully meeting data coherence by means of the ACID properties.

It is designed to scale adapting to the workload a startup requires as it grows. It can handle any workload type at scale. This versatility makes LeanXcale the perfect option for startups where the business needs can create new functionalities or pivot fast so they are not constrained by the limitations of current database managers.

## The origin, Iguazu technology

NoSQL vendors have appeared under the wrong belief that the CAP theorem restricts the scalability of transactional management. Some NoSQL solutions offer scalability by trading off database consistency and at the cost of losing SQL ease of use. Around those solutions, a full portfolio of new architectures has been designed, making systems even more difficult to maintain and develop.

Dr. Ricardo Jimenez Peris, a former professor and researcher at the Technical University of Madrid (Universidad Politecnica de Madrid - UPM) has spent the last twenty years investigating this field. Some years ago, he decided to start from scratch, ignoring all his previous research, trying to sort out an enormous challenge: How to make a database scale out linearly with no bottleneck.

He managed to solve the problem in the perfect manner with a novel distributed algorithm for transactional management that scales out linearly that runs on commodity hardware, either on-premise or in the cloud. The resulting transactional management technology is called "The Iguazu technology".

LeanXcale database manager based on Iguazu technology allows you to launch all the potential of your business ideas, scaling your data management as much as your company needs as it grows.

## LeanXcale's technology

LeanXcale is more than Iguazu transactional management technology. It is a powerful NewSQL database with more than ten unique disruptive inventions that allow a widely versatile usage.

With LeanXcale you can have just a single database engine that covers all the data management stack, from in-memory to big data queries. LeanXcale is not a set of modules, is a single database that can handle different workloads over the same dataset.

DATABASE-WORKLOAD TYPE	LEANXCALE EQUIVALENCE	SECRET SAUCE
RDBMS	It is a full ACID relational database.	Iguazu technology allows managing distributed transactions at any scale.

		From one to hundreds of nodes.
<b>Data warehouse</b>	It is a distributed OLAP database working over operational data.	LeanXcale allows you to perform analytical queries over the operational data. No ETLs are needed.
<b>Key-Value</b>	It has a fast insertion API with the speed and efficiency of key-value data stores that accesses directly to the storage engine exploiting its key-value features.	With LeanXcale all the information is accessible through the Key-Value and SQL interfaces at the same time.

## Benefits for your accelerated companies

### Ready for success

LeanXcale can manage any volume your accelerated startups will have. They will not need to rebuild their architecture when their customer base increases exponentially. Because the moment they succeed is the worst moment to face any dramatic technological change.

### Agile

It is ready for any workload (operational, analytical, SQL or event oriented) allowing the development of new features as fast as your accelerated business needs.

### Simple

LeanXcale's architecture is SQL based, they will not need to maintain different systems, and they will not need to learn a bunch of specific new APIs to each of the data challenges they may face.

## LeanXcale program for accelerators

### Database mentorship

The key accelerator value is the capacity to reply fast most of the common question an entrepreneur has. Startups' story is a story about how to solve all the problems fast enough before running out of money.

For most of the startups, the development of the underlying technology is one of the key elements in their journey, and databases are the central hub for most of them.

LeanXcale is formed by a group of top experts in data management that have faced most of the problems that a startup will find, and they know all the ways to solve them.

LeanXcale provides a mentorship plan for LeanXcale users based on three phases:

- Study of the current status: assessment of the current implementation, main challenges and problems.
- Proposal of possible options.
- Assessment of the final implementation.

### LeanXcale at no cost

Now, your accelerator can make a difference for your accelerated startups by providing them with a last generation database and database mentorship that will fit for all their present and future needs, and completely free.

### PRICING FOR STARTUPS

SEED	EARLY STAGE	GROWTH
Under 250K€ revenue and less than 1M€ investment	Under 1M€ revenue and less than 3M€ investment	More than 1M€ revenue or more than 3M€ investment
FOR FREE	50% DISCOUNT	NORMAL PRICE

### About LeanXcale

LeanXcale was founded by a group of top researchers in the field of databases. This group has been enriched with a crew of engineers with experience from several industries and a selected cabinet of advisors: Glenn Osaka (PayPal advisor at the time of Elon Musk) or the distributed databases guru Patrick Valduriez stand out among them.

## Resources

Visit [www.leanxcale.com](http://www.leanxcale.com) for more information, or contact us at [info@leanxcale.com](mailto:info@leanxcale.com).

Free Trial (<https://www.leanxcale.com/trial>)

Documentation and drivers (<https://www.leanxcale.com/company-resources>)

Whitepapers and videos (<https://www.leanxcale.com/company-resources>)

Get a demo (<https://www.leanxcale.com/get-a-demo>)

Talks (<https://www.leanxcale.com/talks>)

Blog (<https://www.leanxcale.com/blog>)