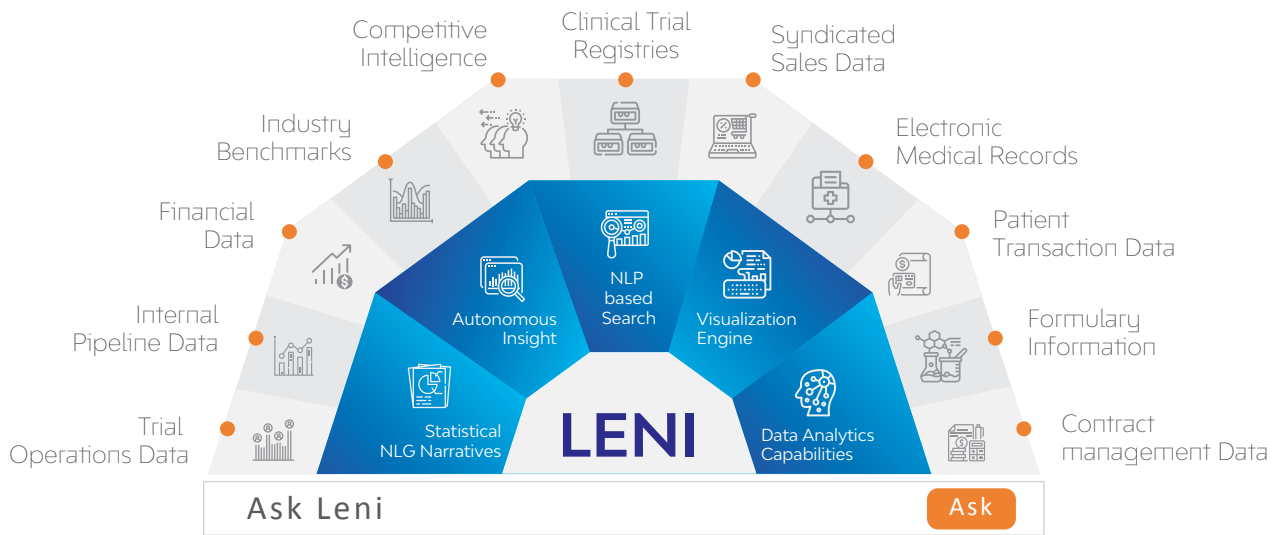


# Driving Business Outcomes for Pharma Enterprise



# Augmented Analytics in Pharma- A Prescription for Success

The pace of digital change has created a need for healthcare and pharma CIOs to get help seeing around corners, avoiding pitfalls, managing uncertainties, being future-ready and learning from the best.



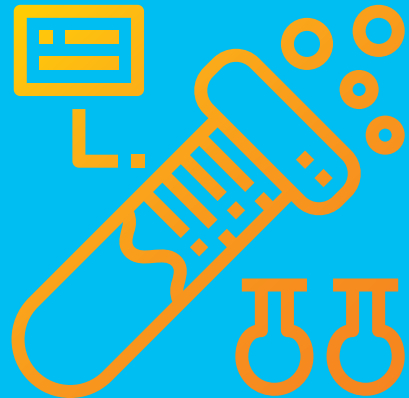
Leni, the world's first virtual analyst augments data intelligence for pharmaceutical organizations. It helps to undertake insights discovery and predictive insight generation through natural language search and autonomous business signals, while solving for data variety, business ambiguity and analytics complexity.

## Leni Use Cases Canvas- Lifescience



## Leni In Action

# De-risking the time to market for a global Pharma major's R&D division



## The Challenge

- Manually intensive and repetitive clinical trails' project planning and monitoring
- Lack of standardized benchmarking practices
- Inability to gauge the probability of success of ongoing and new studies



## How Leni Helped

**Leni empowered the R&D portfolio managers with:**

- Visual synopsis of the project and its details by monitoring the critical KPIs
- Ad-hoc querying capabilities through an NLP based search to identify project risks.
- Project simulations with desired attributes to forecast timelines, cost, and budget via Monte Carlo simulations

## How Leni Created Impact

**Saved 190  
person months  
a year effort**

in existing portfolio analysis

**Saved 10  
person months  
a year effort**

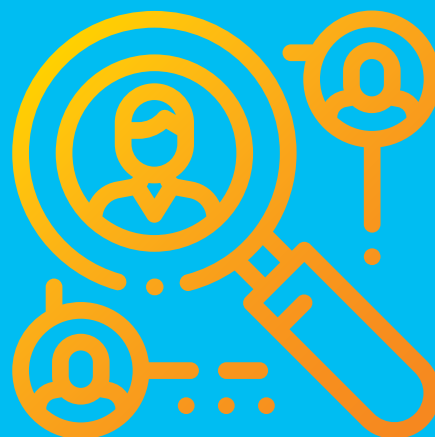
in new project setups and  
risk assessment of ongoing  
trials

**Improved  
consistency**

in planning of new studies.

## Leni In Action

# AI powered anomaly detection for a global Pharma company



## The Challenge

- Disparate data sources requiring different levels of data and sanity checks
- Fragmented, manually intensive and repetitive methods of anomaly detection



## How Leni Helped

**Leni worked as a centralized AI based autonomous anomaly detection system that**

- Used sophisticated mix of algorithms to identify and reason data anomalies
- Designed a three-step approach of identifying "What" "Where" and "Why" of data anomalies for historical data deviation, data loss/addition and latest data deviation.

## How Leni Created Impact

**Redeemed approximately 2,400 data stewards' hours**

**Automated process for data anomaly**

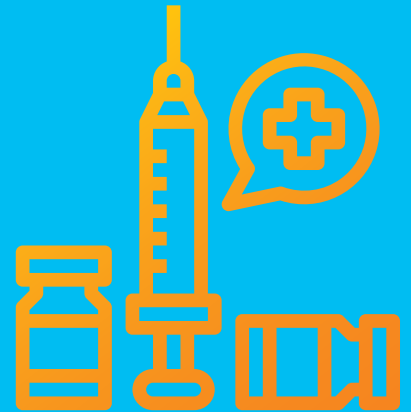
- reducing risk of manual errors

**Improved productivity and efficiency**

to deliver accurate and reliable insights

## Leni In Action

# Enriching medical insights for medical affairs function



## The Challenge

- Managing a steady state of insights coming through multiple data sources
- Low business user engagement with current BI infrastructure which lacked intuitiveness, business alignment and ease of access



## How Leni Helped

### Leni utilised her API capability to

- Build bespoke augmented analytics platform solving for multiple business use cases such as Medical Affairs, Marketing etc.
- Worked efficiently in creating insights to support communication and commercialisation in optimal and timely manner

## How Leni Created Impact

**95%**  
**reduction in**  
**time to insight**

from months to minutes

**Self-service**  
**real-time**  
**insights**

available for Business 24/7

**1800**  
**analyst hours**  
**reclaimed**



LENI

LTI (NSE: LTI) is a global technology consulting and digital solutions company helping more than 420 clients succeed in a converging world. With operations in 32 countries, we go the extra mile for our clients and accelerate their digital transformation with LTI's Mosaic platform enabling their mobile, social, analytics, IoT and cloud journeys. Founded in 1997 as a subsidiary of Larsen & Toubro Limited, our unique heritage gives us unrivalled real-world expertise to solve the most complex challenges of enterprises across all industries. Each day, our team of more than 30,000 LTItes enable our clients to improve the effectiveness of their business and technology operations and deliver value to their customers, employees and shareholders. Find more at <http://www.Ltinfotech.com> or follow us at @LTI\_Global

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