# genpact

# Transform operations. Accelerate innovation.

Scale with Genpact's AI Gigafactory
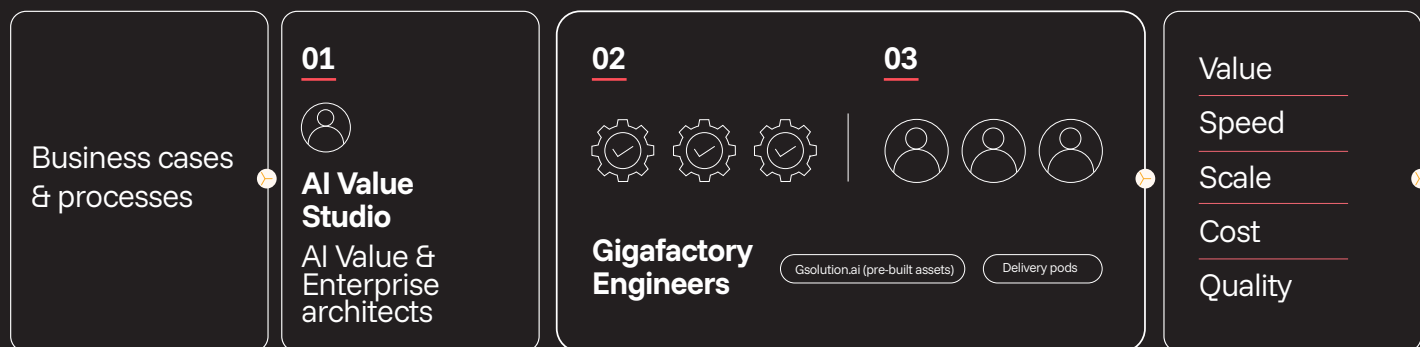
Genpact's AI Gigafactory is a revolutionary new delivery model built to fast-track AI deployment and deliver business outcomes at scale.

**It combines three game-changing modules:**

- AI Value Studio: where high-impact solutions are crafted
- GSolution.ai: an advanced AI platform, making data actionable; and
- Pod delivery teams: that blend industry, business, and tech expertise for end-to-end execution

Together, they help organizations move AI from pilots to full-scale production at speed.

—

## How does **it deliver?**

Business cases & processes

**01**

**AI Value Studio**

AI Value & Enterprise architects

**02** **03**

**Gigafactory Engineers**

Gsolution.ai (pre-built assets)    Delivery pods

Value
Speed
Scale
Cost
Quality

aws    Microsoft    databricks    NVIDIA    snowflake    Google Cloud

—

## The **impact**

Up to **40%**
faster implementation time

Up to **30%**
higher throughput

Up to **50%**
reduction in the typical total cost of ownership

# AI Gigafactory in action

Genpact's AI Gigafactory is powering one of the world's largest Databricks migrations for a global energy company.

## The challenge
Breaking free from legacy shackles:

- A complex ecosystem with 20,000 dashboards, and 100,000 data objects
- 6 data lake technologies
- Multiple ETL & reporting technologies

## The solution
A scalable Databricks foundation:

- Genpact AI Gigafactory, POD-based model, execution that scaled from 10s to 1000s within days
- State-of-the-art gen AI tools for code conversion & data validation
- Functional and technical expertise

## The impact
Delivered and projected benefits:

- Delivery timeline cut by 25%
- Significantly reduced technical debt
- Accelerated delivery of insights by up to 40%
- Real-time data sharing
- Analytics delivery efforts cut by up to 30%

# Key capabilities

The AI Gigafactory's capabilities tackle the enterprise challenges of scaling AI. Here's how we create impact:

- Data pipelines
- AI model setup and operations
- Data migrations
- Continuous talent development with Genpact's Giga Academy
- Data platform operations
- Our Agentic Development LifeCycle method embeds responsible AI practices

# Analyst and advisor recognition

| HFS | AI Gigafactory represents a significant evolution in how enterprises approach AI implementations. |
|---|---|
| Everest Group® | Genpact's Gigafactory solution tackles this challenge by collaborating with technology partners and building a pool of highly skilled professionals through comprehensive training programs. This approach enables faster deployment of AI-ready professionals and accelerates value realization for enterprise clients. |