EY.ai Agentic Acceleration Engine

Launchpad for enterprise-wide agentic AI transformation

The better the prompt. The better the answer. The better the world works.

Business drivers

- A new technology has arrived that does not just assist but initiates, ultimately transforming how organizations conduct business. Agentic artificial intelligence (AI) creates value across the enterprise both through cutting costs and through improving key performance indicators (KPIs) in business function and domain.
- Clients are now asking, what does this mean? How to adapt? Where to begin? They need answers to these questions and a way to leverage this technology.
- Organizations are now embarking on a journey toward the agentic enterprise, requiring restructuring operations and processes to integrate agentic AI and the enablement of a cultural shift to new ways of working

Solution overview

To help clients understand how they can leverage agentic AI to transform their operations and where to start to generate the most value, the EY organization built EY.ai Agentic Acceleration Engine – a solution that supercharges agentic AI discovery efforts:

- A structured, enterprise-grade accelerator to support organizational agentic transformations
- Bridges gap between AI ambition and real-world impact, equipping teams to move faster, make smarter decisions and unlock value at scale
- Uses generative AI (GenAI) to help accelerate the process of generating agentic use cases and identifying strategic ones a client should pursue

Solution benefits

The EY.ai Agentic Acceleration Engine solution unlocks agentic AI value at speed by analyzing business processes, tech stack and priorities to rapidly generate high-impact agentic AI use cases. Once the most promising use cases are identified, it uses code generation to rapidly build client demos that bring use cases to life, helping obtain client buy off to move forward.

The solution provides the following benefits:

- Customized use case portfolio: prioritized by impact and feasibility
- Interactive demo experience: visualizes "art of the possible"
- Clear next steps: pathway to pilots, pods or broader deployment

EY.ai Agentic Acceleration Engine offers three core capabilities:

Ingest	Leverages client contextual data and EY intellectual property (IP) methodologies and taxonomies to identify agentic opportunities
Ideate	Generates a list of agentic opportunities with rich detail for clients and account teams to review and prioritize
Inspire	Quickly transforms prioritized use cases into demos to visualize the art of the possible with agentic AI

Unifying process, data and tools to rapidly surface and prototype agentic AI opportunities that drive enterprise value

Client process information → Ideate → Output reporting → Prioritized use cases → Inspire

EY Shape the future with confidence

Microsoft

Solution differentiators

- EY.ai Agentic Acceleration Engine is designed as a launchpad for enterprise-wide agentic AI transformation, bridging the gap between AI ambition and real-world impact. It equips teams to move faster, make smarter decisions and unlock value at scale. When used iteratively and with adequate inputs, EY.ai Agentic Acceleration Engine can help architect client's transformations using agentic AI.
- EY.ai Agentic Acceleration Engine leverages client contextual data and EY proprietary methodologies or taxonomies to identify agentic opportunities tailored to each organization's needs – resulting in a distinctive and tailored output each time it is used.
- The EY.ai Agentic Acceleration Engine solution transforms client ambitions and challenges into actionable opportunities within hours or days, never weeks. By helping enable rapid, iterative identification of opportunities at scale, EY.ai Agentic Acceleration Engine helps accelerate the path from idea to impact. Its *Inspire* functionality leverages rapid prototyping to convert use cases into interactive demonstrations, making the power of agentic AI tangible and accessible for clients.

Joint value proposition

- EY.ai Agentic Acceleration Engine is helping the EY organization dramatically help accelerate the adoption of agentic solutions at clients.
- EY teams are working with Microsoft architects to industrialize the solution. The goal of the Alliance is to help enable a larger pool of EY resources to use the solution and scale it globally to meet market demand.
- The plan is to leverage Power Apps to bring all the activities and accelerators together and Power BI to generate outputs clients can review.

Case study

EY.ai Agentic Acceleration Engine is accelerating financial transformation for a global consumer goods leader. Through a structured, tech-enabled approach, the solution is helping drive a step change in the client's finance organization by identifying, prioritizing and providing high-impact agentic AI use cases that unlock value and set a new standard for transformation.

Client challenge

- Finance is underperforming in service and cost with cost exceeding peer standards.
- Stakeholders demand an increase in insight-driven delivery amid cost pressures and regulatory scrutiny.
- It is targeting an ambitious reduced finance cost of 1.5% by 2027 and 1.0% by 2028 boosting effectiveness.
- There is need to activate digital and AI opportunities as part of the organization's transformation.

Engagement summary

- EY.ai Agentic Acceleration Engine assessed processes and technologies to identify a tailored portfolio of high-impact agentic AI use cases.
- Over 500 use cases surfaced and prioritized within weeks using business and information technology (IT) input.
- Rapid demos and proof of concept (POC) are underway for prioritized use cases, such as spend optimization, financial commentary and compliance.
- Agile sprints and close collaboration with finance and technology are ongoing to help ensure relevance and scalability.
- Governance, communication and value tracking are embedded to drive adoption and impact.

Value provided

- The client's cost takeout program aims to save £177 million over three years, with £20 million realized in year one.
- Finance processes were automated and standardized, freeing capacity for higher-value work.
- AI agents monitor regulations and automate compliance, cutting manual effort and risk.
- A scalable and repeatable model was built for tech-enabled transformation.
- The solution is helping deliver fast, measurable results that help drive enterprise-wide change.

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