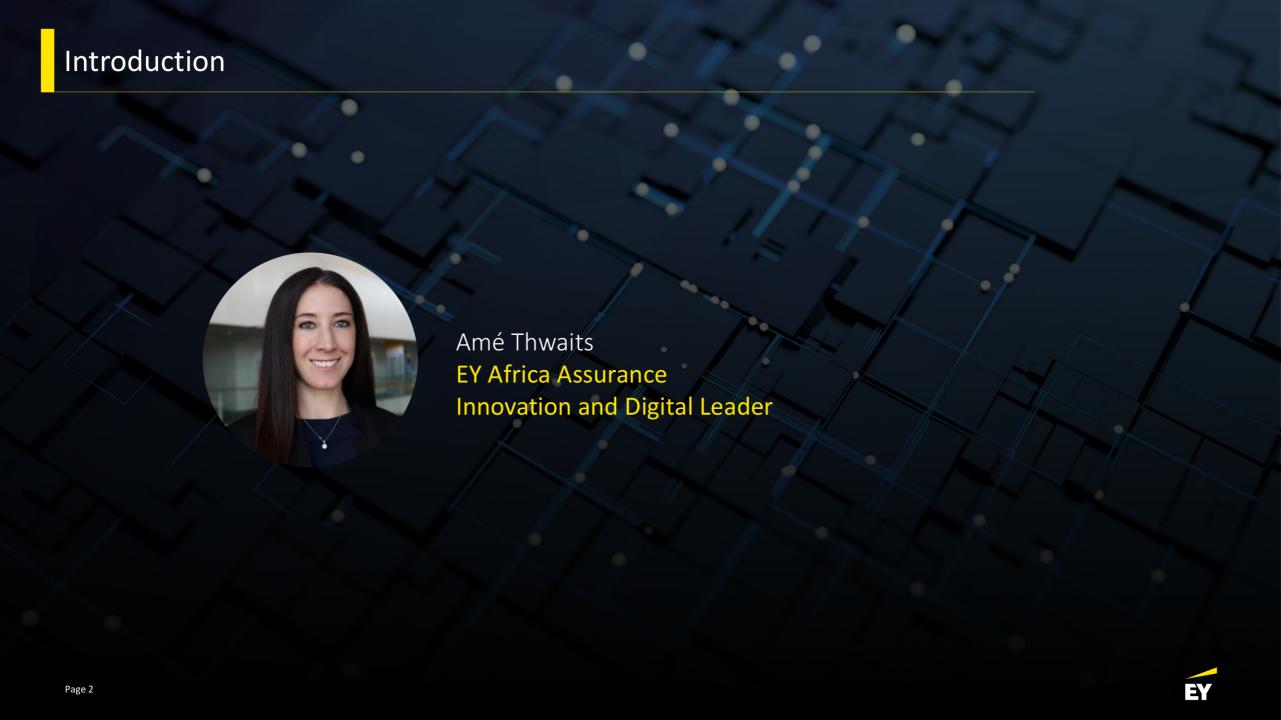
Synergy in Action

Empowering auditing with generative AI for efficient compliance and future ready practices

23 October 2023





Data as the fuel for trust



Trust is the basis on which the capital market functions



As auditors, it is our responsibility to bring trust to our clients, to the business world & to the society as large



Our role is to help our clients increase the levels of trust in their own data, processes & reporting

Data

Trust

The fuel for trust



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Data

Trust



Data is the foundation for our trust services

110 k

710 bn

Nowhe ver process more transactions



We ingest and process data to provide meaningful output



State-of-the-art data ingestion

.....



The data analysis process: how does it work?

Our approach involves transforming our data capture process across the global audit to drive increased focus on visibility, efficiency and minimizing risk.

Client ABC benefit

- ✓ Reduces client workload
- Leveraging of existing investment in systems
- ✓ Focuses audit team on risk based audit vs data gathering

.....







Al is not hype... It is driving the fastest ever market transformation

Firms are now forced to determine how generative AI will impact their sector, or risk disruption



Microsoft launches Fabric, a new end-to-end data and analytics platform

G7 leaders confirm need for governance of generative AI technology

Reuters



Biden Administration Developing National AI Strategy

CL COTO COAT

ChatGPT Passes CPA Exam on Second Attempt. Is It Coming For Accounting Jobs?

The latest version of the chatbot passed the CPA exam with a score of 85.1, just weeks after an earlier version had failed

Risk of extinction by AI should be global priority, say experts

Hundreds of tech leaders call for world to treat AI as danger on par with pandemics and nuclear war

OpenAI's Sam Altman Urges A.I. Regulation in Senate Hearing

The tech executive and lawmakers agreed that new A.I. systems must be regulated. Just how that would happen is not yet clear.

ChatGPT pushed the market onto a new adoption curve



What makes it different this time? Key trends in Al

1

Emergent Abilities found in Extra Large Models

2

Democratization of AI

3

Accelerated Funding in Al

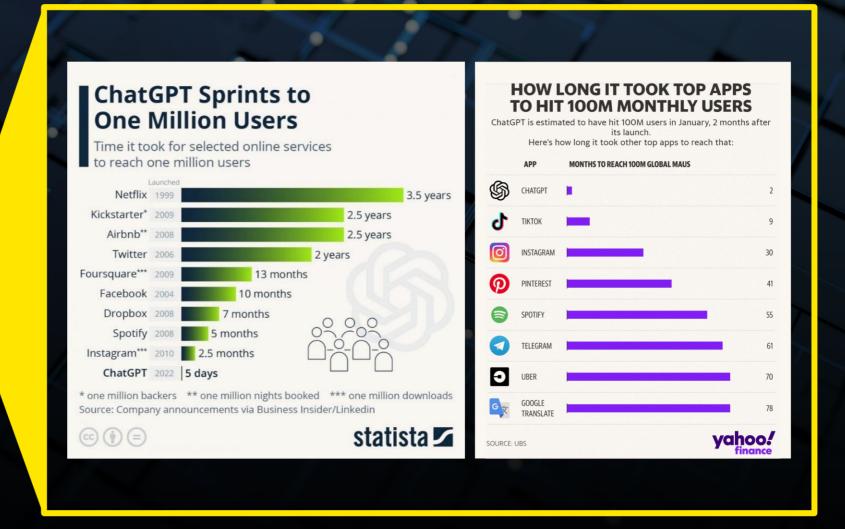


Three key changes that gave rise to this moment ...

Emergent Abilities found in Extra Large Models Large

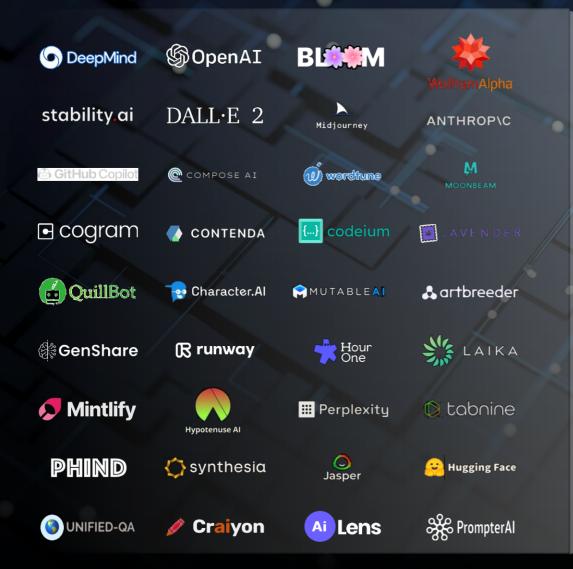
Democratization of Al

Funding in Al





It's not just ChatGPT: Generative AI is Broad, Big, and Growing





Pretrained Language Models



Image Generation



Video Generation



Code Generation



Audio Generation



Al boosts business but presents challenges; leaders must grasp both for successful enterprise adoption ...

Opportunities



As voiced by the surveyed business leaders, the mainstream adoption of AI fuels interest in transforming business models.

Findings from EY's CEO survey:

65%

CEOs recognize Al's efficiency benefits, an equal 65% stress the imperative of addressing its social and ethical risks

66%

say jobs impacted by AI will be counterbalanced by new roles

45%

of the surveyed leaders plan significant investments in Al in the next year

Sources: CEO Survey, 2023 | IDC | McKinsey

Findings from other reports reveal:

IDC

predicts global spending on AI will surpass US\$300 billion in 2026

2X

Business Al adoption doubled since 2017, with an average application performing 3.8 tasks, up from 1.9 in 2018.

77%

Increase in Al-related references during investor calls signals a strategic shift among business leaders, according to a Bloomberg report on March 1, 2023.

Challenges



In this tech-powered transformation journey,
 the C-suite has a fair share of challenges in scaling AI firm-wide.

43%

leaders voiced concerns about the trustworthiness of AI and ML

Source: F

67%

CEOs highlight AI & ML integration risks, underlining trust challenges and potential errors

Source: HBR

60%

companies consider insufficient talent/ skills within the organization to be a main obstacle in Al adoption.

Source: EY study

Due to some of these potent challenges, the retail sector witnesses a 6% decline in Al adoption.

Source: BW



We stand at the brink of a transformative technological era, where Generative AI is already leaving its mark ...

Increased efficiency

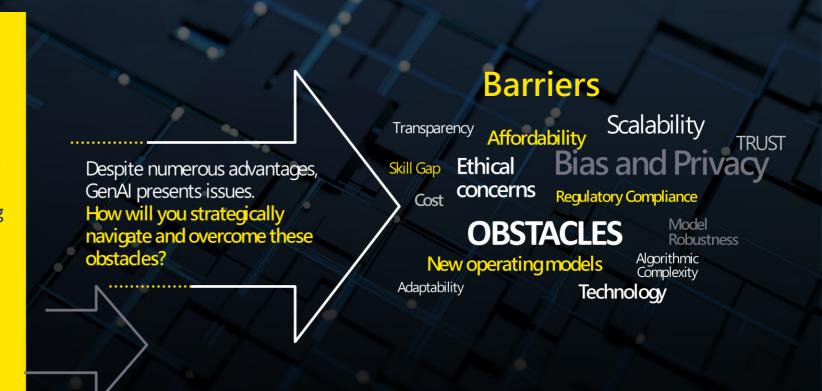
Microsoft reports **55% less programming** time, MIT cites **44%-time savings** in professional writing tasks.

Increased creativity

57% of consumers anticipate GenAl enhancing creativity, while **34%** of **GenAl patents** are linked to image generation.

Improved experiences

72% of global consumers foresee GenAl enhancing customer experiences, while ChatGPT scores in the 90th percentile on the Bar.





From deterministic models to probabilistic ones



"a beautiful painting of a friendly smiling neighbour, peering over a garden fence on a sunny summer day"



From deterministic models to probabilistic ones



"a beautiful painting of a friendly smiling neighbor peering over a garden fence on a sunny summer day"



EY.ai – Foundational elements

What are the value levers and business outcomes?

How ready are we for the Al journey ahead?

Will we successfully deliver our AI program?

EY.ai Value Accelerator



Who: CEOs & Boards

What: A visualizer to identify value creation opportunities in the enterprise that will drive measurable growth.

Includes an outcomes simulator that captures key business dimensions and maps out financial and operational implications

EY.ai Maturity Model



Who: CXOs & GCSPs

What: A framework for companies to benchmark where they are and what capabilities are required to progress.

Includes assessing maturity of functions and business as well as alignment of AI ambitions with core values of organization.

EY.ai Confidence Index



Who: Al Solution leaders, C-suite, Boards

What: A solution-level empirical assessment of the inputs and outputs of the underlying AI model.

Enables confidence in the data, model and processes making up an AI program, driving value capture and confidence in the outcomes



Our technology





Other significant releases

EY

EY Canvas Client Portal enhancements EY

EY Canvas Dashboard EY

EY Canvas Economics EY

EY Canvas Notifications EY

EY Canvas Oversight

EY

EY Canvas Service Gateway EY

EY Canvas Time Tracking EY

EY Climate Analytics platform EY

EY Confirmation Aggregator EY

Document Intelligence

EY

EY DataSnipper EY

Document Authenticity Tool EY

EY Smart Sampling EY

EY Helix Blockchain Analyzer EY

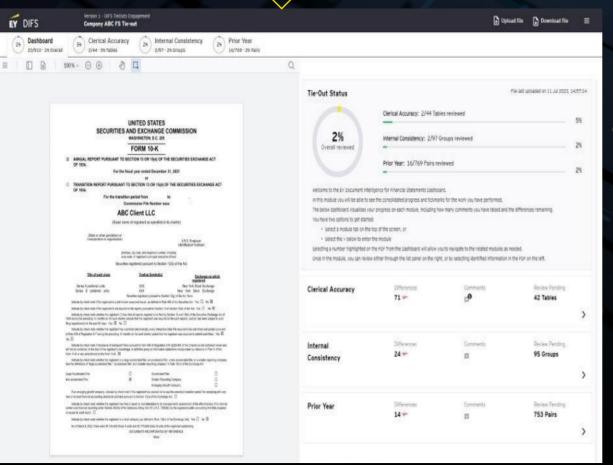
EY General Ledger Anomaly Detektor





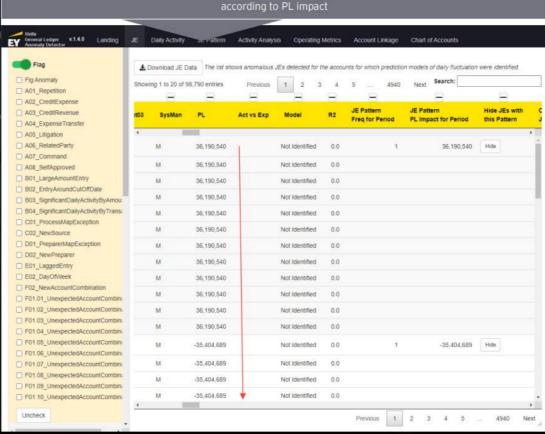
EY solutions

Document Intelligence for Financial Statements



General Ledger Anomaly
Detector

List in order from high to low



How can Co Pilot be used in the market today?

Accounting Industry

- Automating repetitive tasks
- Data Analysis
- Predictive Analytics
- Cost Reduction

Legal Field

- Legal research
- Due Diligence
- Contract Review and drafting
- ► Regulatory Compliance
- Expertise Matching



IT & Engineering

- ► Code Generation
- Code Documentation
- ► Low Code Application Development
- Debugging

Research & Knowledge Management

- Knowledge tagging & management
- Natural language search
- ► Metadata Generation (tags, topic, intent)
- Due diligence
- ► Plagiarism detection
- Summary generation



The EY.ai unifying platform strategically combines expertise in strategy, transformation, risk, assurance, and tax with advanced AI within a comprehensive ecosystem.

EY has invested in EY.ai to build an AI ecosystem and capability



Bringing human judgement, Intelligent Platforms and Ecosystem for enterprise transformation

People

Multi-disciplinary expertise

Diverse and global expertise

- Strategy, transactions, transformation, risk, assurance and tax
- Industry best practices and domain knowledge

Ecosystem

Holistic insights and research

Connecting an expansive ecosystem, from technology and business to academia







Ui Path

- Think
- Tanks/ConsortiaAl Advisory Board

Technology

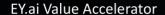
Al-embedded services and solution

EY Fabric

- EY.ai EYQ
- EY Canvas Al
- EY GL Anomaly Detector
- EY Intelligent Payroll Chatbot

Underpinned by foundational elements







EY.ai Maturity Model





EY.ai Confidence Index





Copilot

