

# The New Wave of Al: C-Suite Perspectives

Neil Ward-Dutton VP AI, Automation & Analytics Europe

exploring or investing in Generative Al

74% 21%

have clear investment plans for next 18 months

15%

is the mean share of new IT project budget expected to be allocated to GenAl

say GenAl will have an impact on their business

88% 18%

say GenAl has already disrupted their business

Generative Al's momentum is astounding



## Why the Excitement? Consumer Services Appear Amazing



provide me an itinerary to see the grand canyon and zion national park

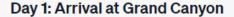


Certainly! Here's a suggested itinerary to visit the Grand Canyon and Zion National Park:









. Morning: Arrive at the Grand Canyon's South Rim. Take in the breathtaking views from popular viewpoints like Mather Point and Yavapai Point. Consider visiting the Grand Canyon Visitor Center to get an introduction to the park.

 Afternoon: Take a leisurely hike along the Rim Trail or the easy South Kaibab Trail to get closer to the canyon's edge and experience its vastness.

Evening: Enjoy the sunset at Hopi Point or Mohave Point for stunning views.



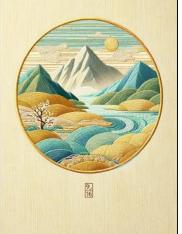
Write me a poem about how cats are like philosophers



#### Cats as Philosophers

Oh, wise and furry cats, with eyes so deep, You spend your days in contemplation, fast asleep. But in your minds, a world of thought unfolds, Of mysteries and secrets to behold.

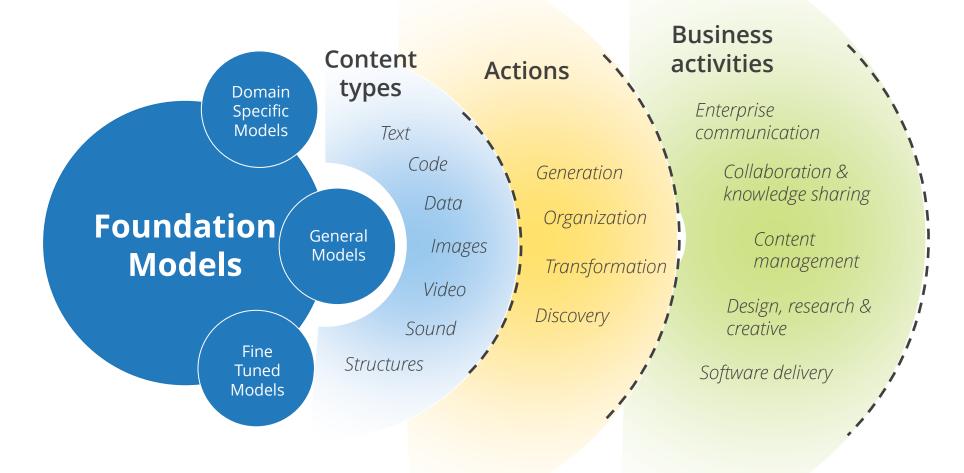








How Generative Al is Set to Make Business Impacts: Beyond Chat





### But Wait: Al Is About More than Generative Al!

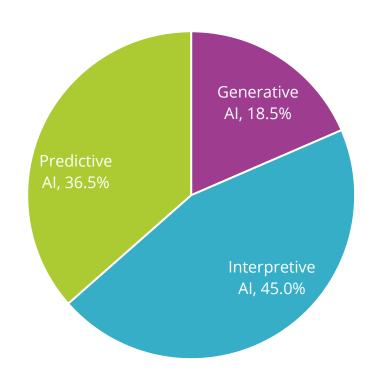
### Organizations' Investment Plans Across Al Types Over Next 18 Months



#### Predictive Al

Analyze large data sets to identify longterm patterns in behavior and detect changes.

Use cases include predictive maintenance and threat detection.





#### **Generative Al**

Create new content using previously created content.
Use cases include code generation and conversation or report summarization.



#### Interpretive Al

Analyze images or event data streams so people and things can detect, analyze, and act.
Use cases include **product defect detection** 



### Organizations Are Already Investing Broadly in Al

#### **FINANCIAL SERVICES & INSURANCE**

- 1. Augmented Fraud Analysis and Investigation
- 2. Program Advisors and Recommendation Systems
- 3. Augmented Threat Intelligence and Prevention Systems
- 4. Augmented Claims Processing
- 5. Augmented Customer Service Agents

#### **HEALTHCARE**

- 1. Augmented Diagnosis and Treatment Systems
- 2. Image Processing: Classification and Recognition
- 3. IT Optimization
- 4. Augmented Regulatory Intelligence
- 5. Digital Assistants

#### **TELECOMS**

- 1. Augmented Threat Intelligence and Prevention Systems
- 2. Augmented Customer Service Agents
- 3. Program Advisors and Recommendation Systems
- 4. Sales Process Recommendation and Augmentation
- 5. Smart Networking

#### RETAIL

- 1. Augmented Threat Intelligence and Prevention Systems
- 2. Augmented Customer Service Agents
- 3. Program Advisors and Recommendation Systems
- 4. Sales Process Recommendation and Augmentation
- 5. Smart Networking

#### **MANUFACTURING**

- Al-Augmented Quality Management Investigation and Recommendation Systems
- 2. Automated Preventative Maintenance
- 3. Sales Process Recommendation and Augmentation
- 4. IT Optimization
- 5. Digital Assistants

#### **GOVERNMENT**

- Augmented Defense, Terrorism, Investigation and Government Intelligence Systems
- 2. Augmented Threat Intelligence and Prevention Systems
- 3. Program Advisors and Recommendation Systems
- 4. Augmented Fraud Analysis and Investigation
- 5. Automated Preventative Maintenance

#### **EDUCATION**

- Adaptive Learning
- 2. Digital Assistants
- IT Optimization
- Sales Process Recommendation and Augmentation
- 5. Augmented Human Resources

\*BFSI includes Banking, Securities and Investment Services and Insurance
Manufacturing includes Discrete Manufacturing and Process Manufacturing
Government includes Federal/Central Government and State/Local Government
Others includes Professional Services, Media, Transportation, Wholesale, Utilities,
Personal and Consumer Services, Construction, and Resource Industries



# Organizations Are Overall Satisfied With Al Implementations; On a Path To Do Much More

Organizations rate their satisfaction with their Al implementations

7.3

/10
on average

71%

Organizations anticipate their expectations for Al will increase or remain the same in 2023-24 81%

Expect Al investment to increase or stay the same in 2023-24

15%

Expect Al investment to increase by more than 20%



The Dawn of A New Chapter in the Digital Business Era: Al

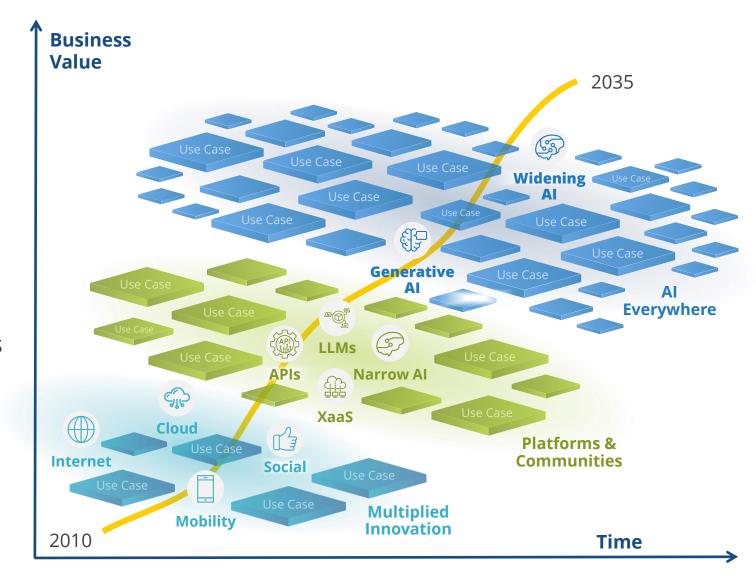
Everywhere

**The Journey to AI Everywhere** builds on prevalence and capabilities of public cloud platforms, communities and marketplaces

**Al Everywhere** will increase the scope and scale of augmentation + automation of work

**Al Everywhere** will reshape existing technology markets and creating new ones over the next decade

**Al Everywhere** will not happen without a deep reappraisal of trust in technology





### Generative Al Use Case Examples From Across EMEA

### dentsu

Content automation



- Commerce
- Product information
- Procurement



PeopleGPT: HR information services



Organization wide GenAl use case prioritization and implementation



 Contact centre automation



 Technical document analysis



Organization wide GenAl use case prioritization and implementation



 Knowledge assistant for small and medium enterprises

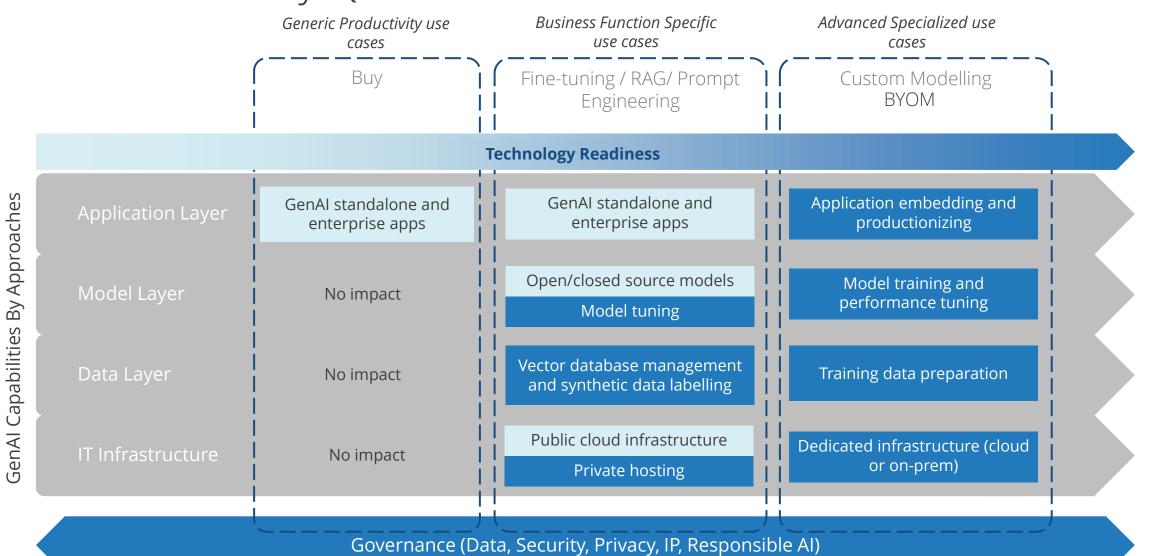


### Three Tiers of Generative Al Use Cases

Use Case Tier	Focus	Examples	Implementation
Generic Productivity	Task productivity	<ul><li>Marketing content prototyping</li><li>Code generation (popular language)</li></ul>	Consume model wrapped in app as a service
Business Function Specific	Process / business outcome improvement	<ul> <li>Personalised recommendation Report summarization Knowledge search</li> <li>Service request automation</li> </ul>	Integrate model(s) with corporate data, processes
Advanced Industry Specialised	Product / service innovation	<ul><li>Drug discovery</li><li>Advanced material design Advanced optimization</li></ul>	Build or highly customize model



### The Build vs Buy Question: Uses Cases Drive the Answer

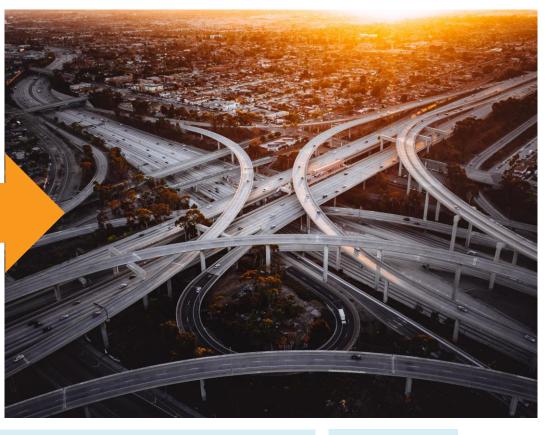




In-house

### We Are in Year Zero for Generative AI in the Enterprise





Street signalling

Pedestrian behavior

Driver behavior (highway codes)

Seat belts

New laws & penalties

Fuel standards

Fuel stations

Parking

• •



### Key Al Readiness Activities and Outcomes

Education & Understanding

Policy & Governance

Skills & Operating Model

Data Quality & Management

Infrastructure & Platform

Help research and understand what Al is and how it can benefit the organization.

Identify the best use cases and applications for Al in context.

Build a framework that ensures ethical and responsible use of Al.

**Comply** with the relevant laws and regulations that govern Al in operating industry and region.

Educate and train employees on how to implement and use Al solutions effectively.

Foster a culture of innovation and collaboration among teams.

**Collect, clean, and prepare** the data that will fuel Al solutions.

**Ensure data quality**, security, and privacy throughout the process.

**Upgrade and integrate** existing systems to handle the demands of Aldriven operations.

**Choose the right tools**, platforms, and frameworks for Al needs.

Clear vision and direction

Avoiding legal and reputational risks and building trust

Maximising the value and impact, ensuring a smooth and successful transition

**Solid foundation** 

Seamless and secure infrastructure









in linkedin.com/company/idc



twitter.com/idc



blogs.idc.com