

Accelerating Generative Al: Turning Answers into Action

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Customers in every industry are excited about generative AI

Where should we use generative AI?

How do we get the most value out of generative AI?

How do we consider costs & ROI?

How to select a pilot project & evaluate it?

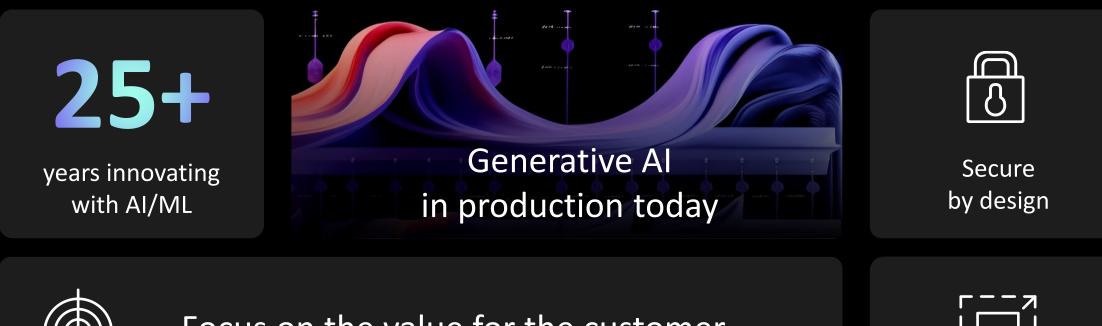
What do we need to start?

How do we know which model(s) to use?

How can we make sure users trust generative AI from the start?

but along each journey they encounter questions

What has AWS learned with AI and ML?





Focus on the value for the customer



Experience & learnings passed on to customers

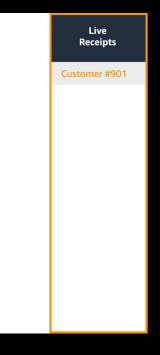
Scale matters



Creating new experiences and businesses with Al

Just Walk Out A fast and frictionless shopping experience

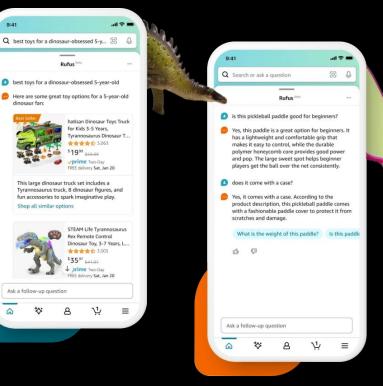




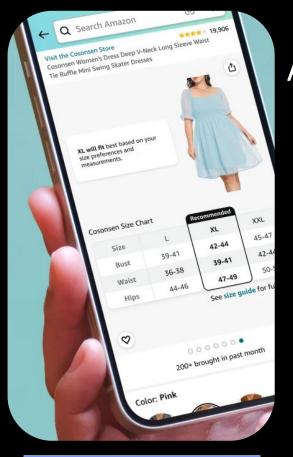
Rufus

Generative AI-powered expert shopping assistance

9:41



Driving efficiencies at scale with AI



4,000 products per minute sold on Amazon.com

Al throughout the retail value chain

Personalized Recommendations

Fulfillment Centers

Middle and Last Mile Shipping



1.6M packages every day



Move
LEARN. EXPLORE. TEST.

Build

CUSTOMIZE. INTEGRATE.

EVALUATE.

LAUNCH. MANAGE. REPEAT.

Scale

Move	Build	Scale
LEARN. EXPLORE. TEST.	CUSTOMIZE. INTEGRATE. EVALUATE.	LAUNCH. MANAGE. REPEAT.

Where should we use generative AI?





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It sounds complicated. What do we need to start?

Leadership buy-in

From the top-down.

Data

Organized. Centralized. Complete and on the cloud.

Tools

To integrate, build, and scale.

Business Value

Measurable and tangible ROI.

Security & Privacy

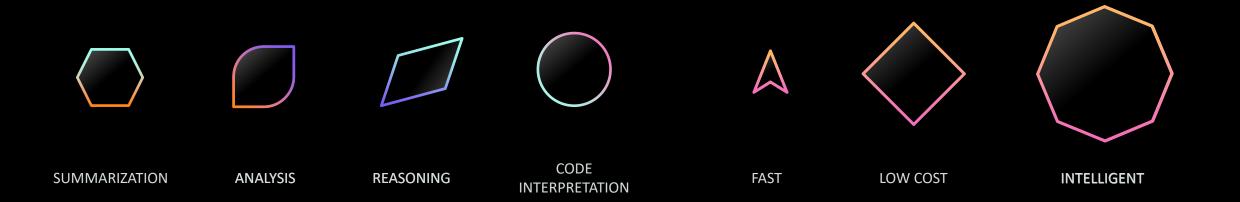
Built-in. From the start.



How do we know which model(s) to use?

Model specialities

Operational characteristics



How do we know which model(s) to use?

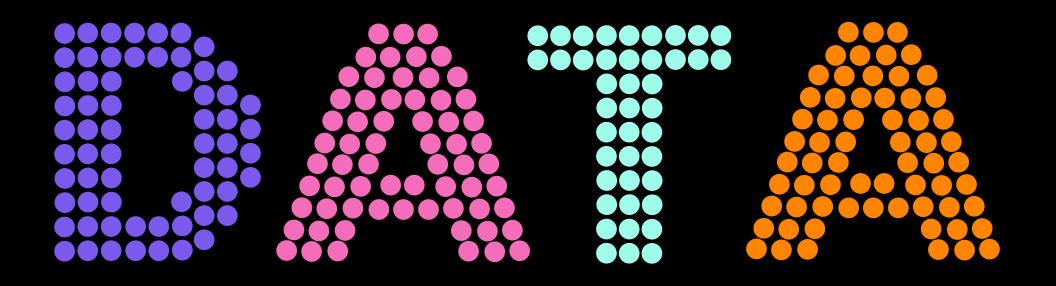
USE CASE CUSTOMER SUPPORT	USE CASE NEEDS	MODEL CHOICE
Summarizing & call categorization		
Direct customer chat engagements		
Multi-channel Engagement		



How do we get the most value out of generative AI?

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How do we get the most value out of generative AI?

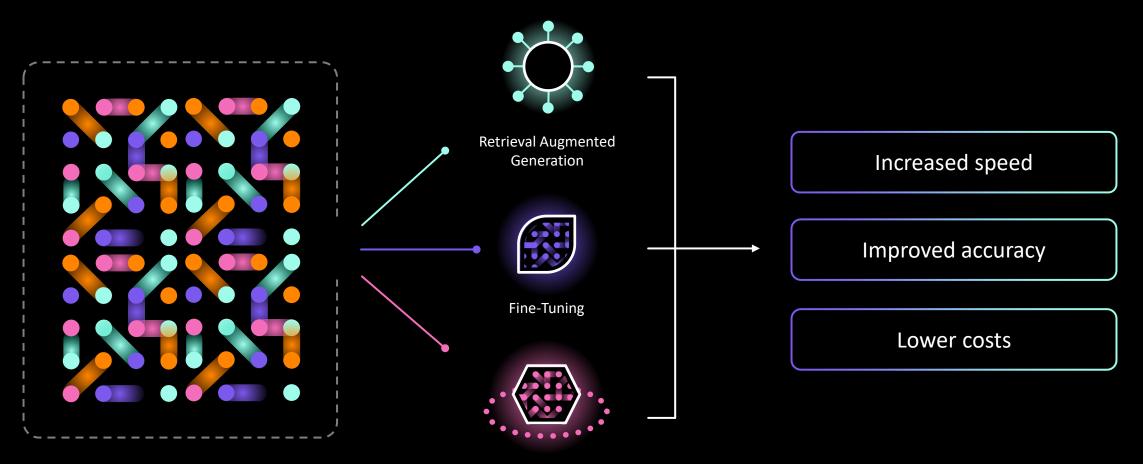


What does "good" data for generative AI look like?





How can we **customize** with data?



Continued Pre-Training

How do we know which customization to use?

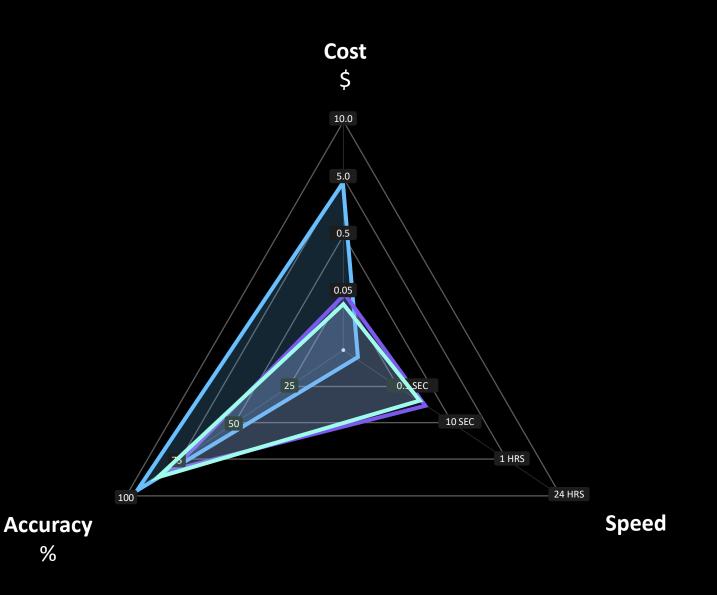
CUSTOMIZATION TYPE		USE CASE: CUSTOMER SUPPORT
	Prompt Engineering	Summarizing & call categorization
	Retrieval Augmented Generation	Sharing pre-determined data for customer inquiries
	Fine-tuning	Develop responses that align with your brand tone and voice. Match style of customer service transcripts for targeted responses.
	Continued Pre-training	Enhance general comprehension on your business



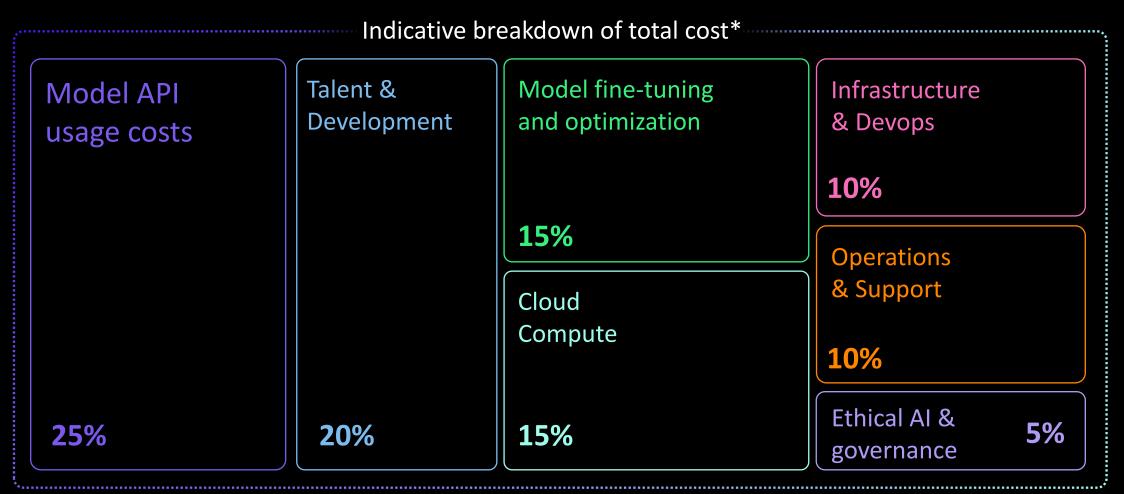
How do we consider costs & ROI?

Goals

- Proof of concept
- Production



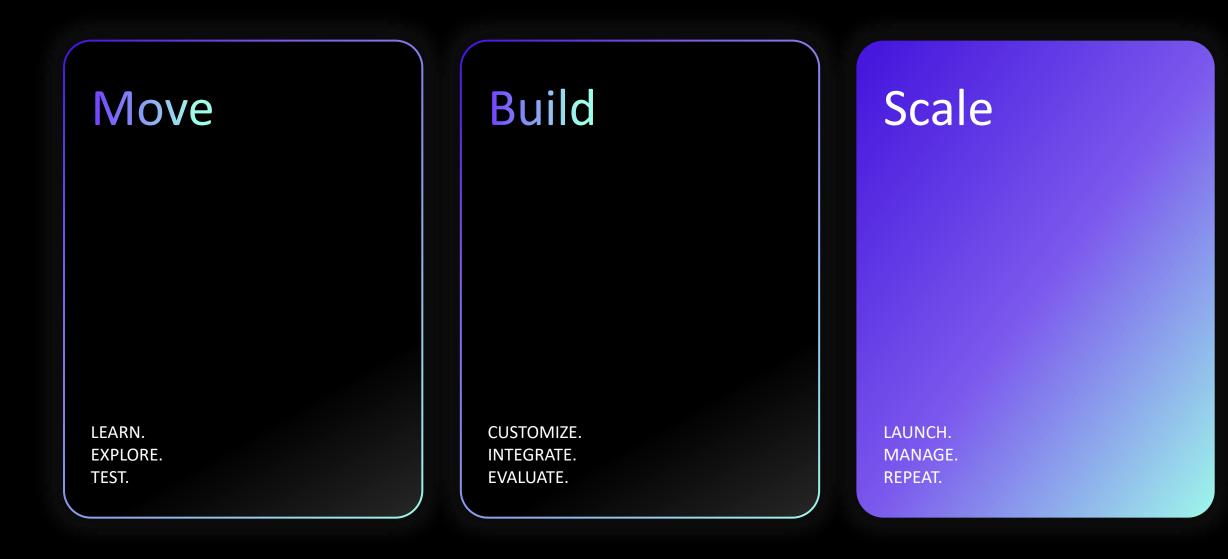
What is the total cost of ownership with generative AI?



*This example is for illustrative purposes only

How can we make sure users trust generative AI from the start?





Data is secure & private



Proven return-on-investment



Stakeholder alignment

✓ C

Compliance & governance in place



Responsible AI guardrails

When should we move from pilot to full production?

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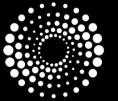










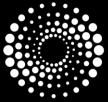


THOMSON REUTERS









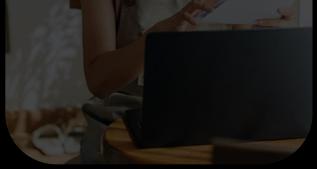
THOMSON REUTERS

ENABLING INNOVATION

AMAZON BEDROCK

- Thomson Reuters launched its own LLM playground in under 6 weeks
- Leveraged Amazon Bedrock and Amazon SageMaker Jumpstart to build and enhance Open Arena's capabilities
- Continuously improving Open Arena to keep pace with rapidly evolving generative AI landscape







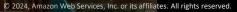




C Showpad









Showpad

BOOSTING PRODUCTIVITY

AMAZON BEDROCK

- Showpad leveraged Amazon Bedrock to securely train and run Anthropic's LLMs
- Scaled from early AI experimentation to 12 new AI features in just 1 year on Amazon Bedrock
- Boosted customer productivity with asset summaries, search, and message composing





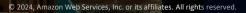
















DEMOCRATIZE DATA

AMAZON Q

- Empowered supply chain teams to derive actionable insights from complex data more efficiently with Amazon Q in QuickSight
- Build, discover, and share meaningful insights in seconds through natural language interactions

What does **the future** hold for generative AI?

Agents

Complex tasks. End-to-end work flow automation.

Multi-modal

Any data types. Audio, video, text, tabular

Multiple Models

Complex solutions. Generative AI + Machine Learning.

Al Policies & Standards

Preparing for the future Safety and responsibility at the forefront.

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Scale



Thank you!

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