

The background is a solid teal color with a decorative pattern of concentric, overlapping circles in a lighter shade of teal on the right side.

# **The AI Investment Guide: Build vs. Buy vs. Wait**

## A Strategic Framework

Updated April 2026 | Strategy, Governance & Investment Decisions

# The Core Challenge

Why AI Investment Decisions Fail

## THE WRONG WAY

START WITH TECHNOLOGY

THROW THE WHOLE PROBLEM AT AI

DEPLOY WITHOUT CLEAR PURPOSE

BUILD GOVERNANCE AFTER THE FACT

**Results:** Technology deployed without clear purpose, data foundations that don't support the use case, and unmanaged risk accumulating silently.

## THE RIGHT WAY

START WITH BUSINESS PROBLEM

IDENTIFY SPECIFIC, HIGH-VALUE PAIN PLAN

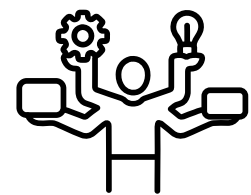
ASSESS DATA FOUNDATION

DEPLOY TARGETED TOOL WITH PRE-BUILT GOVERNANCE

**Results:** Measurable outcomes governed by business unit.

# The Hidden Barrier

## The Imagination Gap



### The Technical Skills Gap

Often blamed, but easily solved through hiring, vendors or partnerships.



Waterline / Visibility Pane



### The Imagination Gap

The most common blocker to AI adoption is not technical skill, it is that senior leaders cannot yet picture what AI could specifically do for their organisation.



Visible Investment

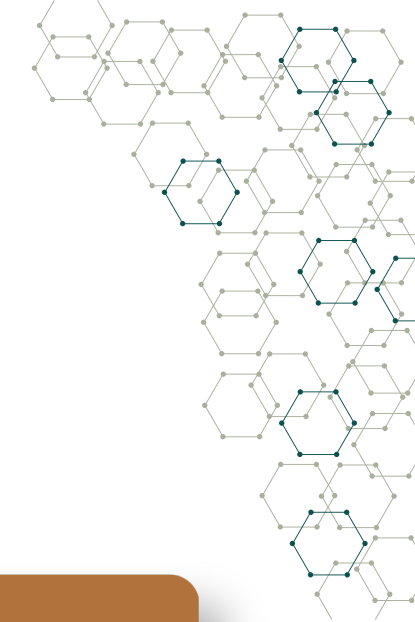
Hidden Potential / Blocker

### KEY INSIGHT

Closing the gap requires targeted use case discovery and exposure to applied examples, not generic AI literacy training.

### CONTEXT PANEL

UK organisations sit cautiously in the middle of the global adoption curve: less willing to take risk, but also less exposed to costly early mistakes. Being second is not always a disadvantage.



# The Foundational Prerequisites

Three questions to answer before making a technology decision

1

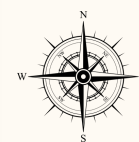
**WHAT SPECIFIC BUSINESS OUTCOMES ARE WE TRYING TO ACHIEVE?**



Be precise. “Improve efficiency” is not an outcome. “Reduce supplier onboarding from 14 days to 3” is. Identify the specific pain point in the workflow, not the whole workflow.

2

**DOES AI GIVE US A MATERIALLY BETTER PATH**



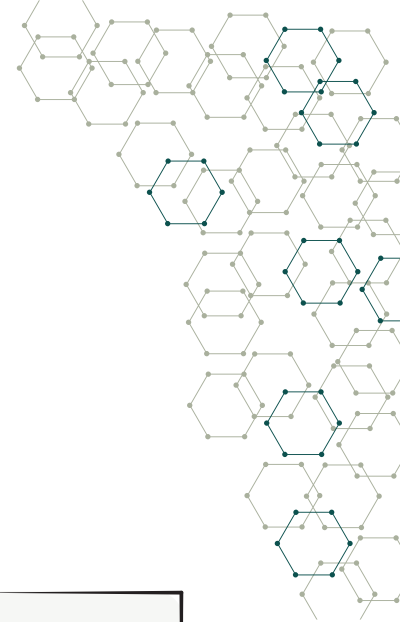
AI is not always the right answer. Sometimes a better process, a different vendor, or a simpler tool solves the problem faster and cheaper. Evaluate the outcome, not technical impressiveness.

3

**DO WE HAVE THE DATA FOUNDATIONS TO MAKE IT WORK?**



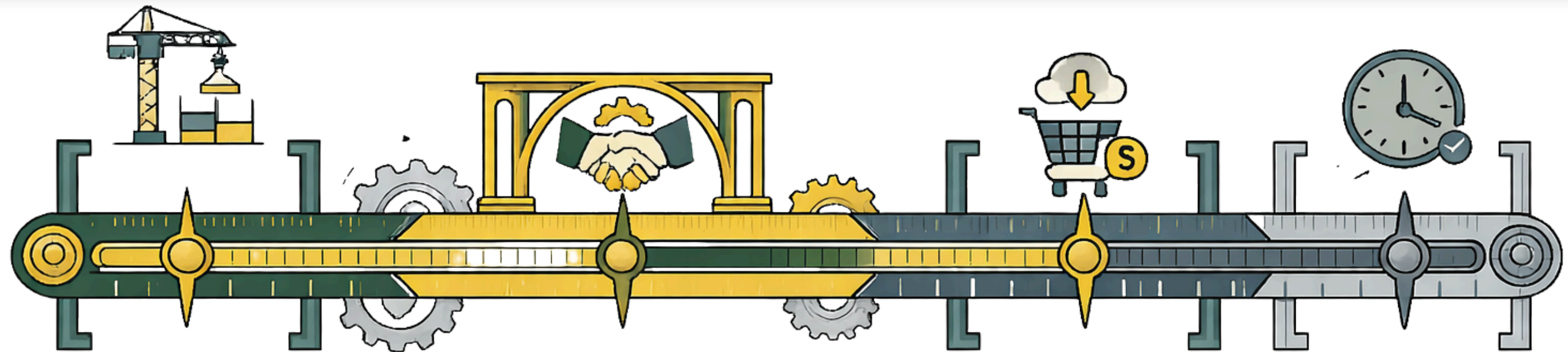
Most first AI projects fail because the data wasn't ready. Quality, accessibility, and semantic meaning are mandatory. Machines must be able to reason over data, not just pattern-match on it.



# The AI Strategy Spectrum

## THE CITIZEN 'AI' SHIFT

Generative AI is democratising innovation from centralized IT to knowledge workers. The question is no longer just what to adopt, but how to govern the tools that people are already using.



### BUILD

Maximum Control, Highest Risk, Slowest Time-to-Value  
(For core differentiators)

### PARTNER

Shared risk, Accelerated Learning.  
Build and Buy exist on a spectrum.  
Partnering with a specialist consultancy or university builds capability gradually before bringing it in-house.

### BUY

Vendor Resilience, Lower Risk, Fastest Time-to-Value.  
(For enabling capabilities)

### WAIT

Deferred Decision  
(Requires active horizon scanning)



# The Master Decision Matrix

Six dimensions to support path selection

DIMENSION	BUILD	BUY	WAIT	KEY QUESTION
<b>Strategic fit</b>	Core differentiator	<b>Enabling capability</b>	Unclear value	<b>Does this define your competitive edge?</b>
<b>Data readiness</b>	Rich proprietary data	<b>Generic data OK</b>	Data not ready	<b>Do you have the data to make it work?</b>
<b>Vendor market</b>	No credible vendor	<b>Mature market</b>	Early / immature	<b>Is there a proven vendor you can trust?</b>
<b>Internal talent</b>	AI team in-house	<b>Limited AI team</b>	No AI capability	<b>Can you build and maintain this internally?</b>
<b>Time pressure</b>	Can afford 6-18 months	<b>Need it in &lt; 3 months</b>	Problem not urgent	<b>How soon do you need this to work?</b>
<b>Model training risk</b>	Avoid - obsoletes fast	<b>Vendor handles it</b>	Sensible if uncertain	<b>Will custom training still be relevant in 12 months?</b>

# The Build Path & The Obsolescence Trap

Custom model training is the most expensive way to become obsolete

## THE BUILD PROFILE

*Develop AI internally*



### When it's right

- Capability is a core differentiator
- Proprietary data advantage exists



### Advantages

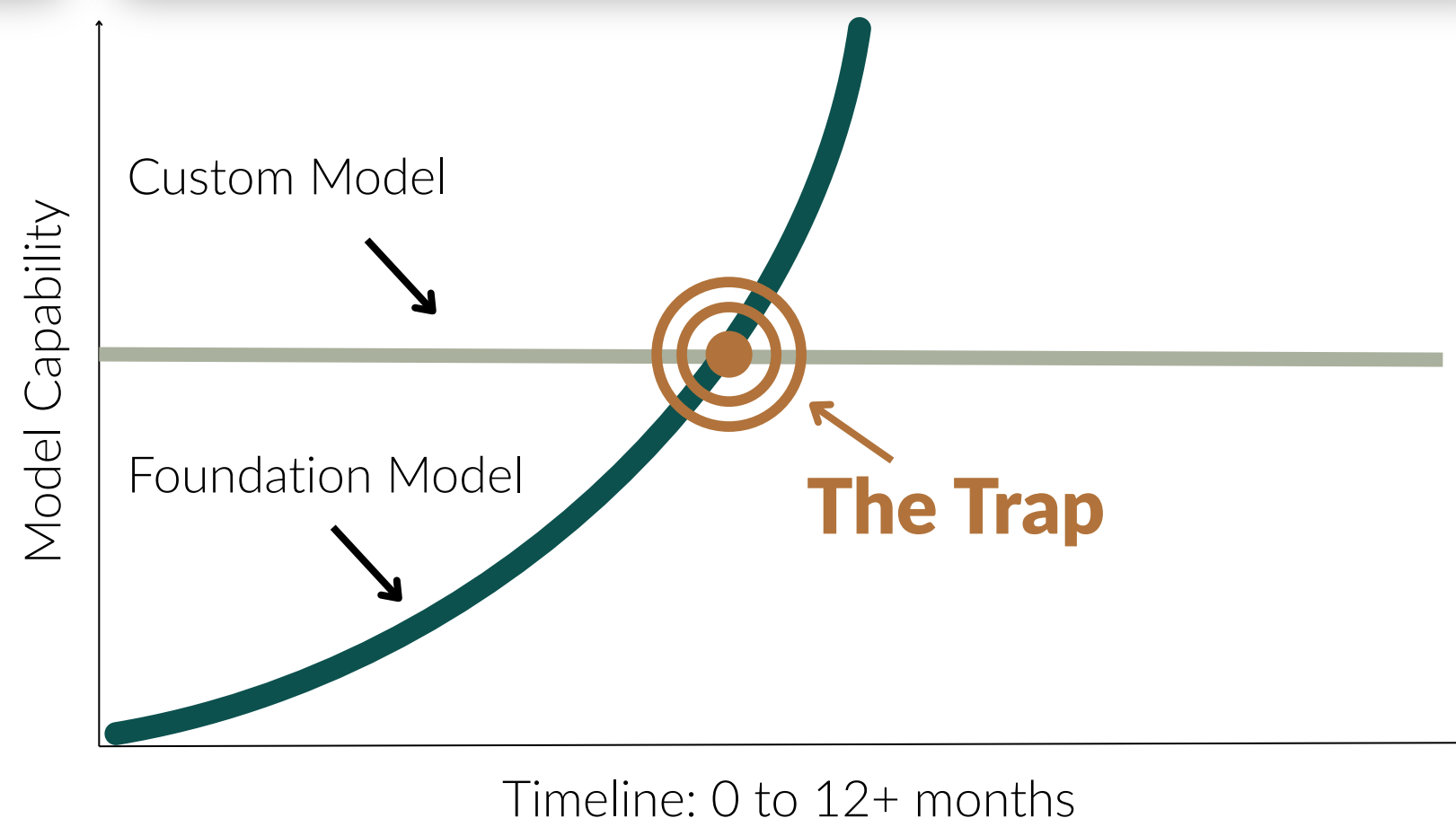
- Full IP control
- Competitive moat



### Watch Out

- 12-24 month minimum timeline
- Requires significant talent

## THE DECAY CURVE



Unless essential, avoid custom model training. It is often the most expensive way to become obsolete.

# Accelerating Value

## The Buy & Partner Paths

### BUY (Purchase from Vendor)

#### WHEN IT'S RIGHT

- Speed matters more than control
- Mature vendor market
- Capability enables but doesn't define you

#### + ADVANTAGES

- Outsource risk via contract
- Faster Time-to-Value

#### - WATCH OUT

- Vendor lock-in
- Limited differentiation



Always check Data Processing Agreements (DPA). No DPA means do not proceed. Ensure data portability and explicit exit clauses.

### PARTNER (Work with Specialists)

#### WHEN IT'S RIGHT

- Need imagination before speed
- Building early stage capability

#### + ADVANTAGES

- Lower risk entry point
- Access expertise quickly

#### - WATCH OUT

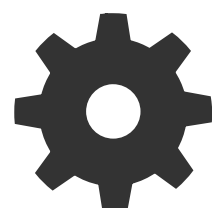
- Dependency risk



Contracts must include knowledge handover. A turnkey solution with no internal learning leaves you exposed.

# Deferring Deliberately

## The Wait Path



**Waiting feels safest but is the riskiest strategy if done passively.**

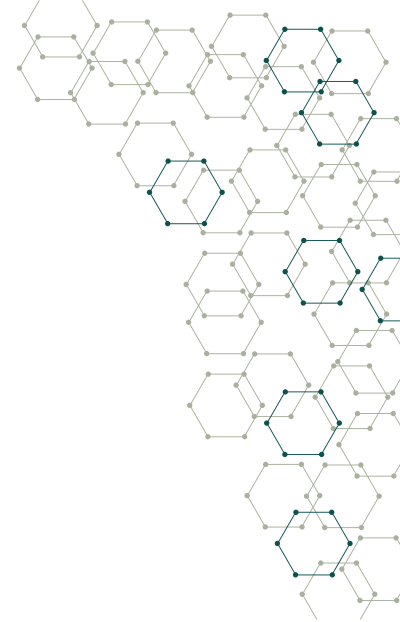
### WHEN IT'S RIGHT

- Technology is genuinely too immature
- Problem is not urgent
- Data foundation is not ready

### + ADVANTAGES

- Costs fall as the market matures
- Learn from the early mistakes of US counterparts

**The Crucial Warning:** Wait is only legitimate with a defined review trigger. “Wait and see” with no timeline is not a strategy. If waiting has been your answer for more than 12 months, you are simply falling behind. Requires active horizon scanning.



# The Red Flag Diagnostic Table

Recognising the warning signs

## BUILD

- No AI talent in-house or clear path to hire
- Timeline pressure requires results in < 6 months
- Vendor market has 3+ proven solutions already
- Use case requires custom model training (*obsolescence risk*)
- The capability is not genuinely proprietary.

## BUY

- Vendor cannot demonstrate your specific use case
- No data portability or exit clause in the contract
- Vendor processes data in unacceptable jurisdictions
- No DPA available - serious GDPR / PDPL red flag
- IP ownership of outputs is unclear.

## WAIT

- Competitors have deployed and are seeing results
- The problem is costing you measurably right now
- “Wait” has been the answer for 12+ months
- No monitoring plan or review trigger defined
- Waiting to avoid making a decision is not a strategy.

# AI Deployment Pitfalls

The four mistakes most organisations make and how to avoid them

## MISTAKE 1

Default to build.



## MITIGATION

Only build if the capability creates genuine competitive differentiation. Commodity AI wastes resources.

## MISTAKE 2

Fragmented adoption.



## MITIGATION

Prevent siloed, narrow use cases. Maximise early gains but demand a unified AI architecture.

## MISTAKE 3

Governance after deployment.



## MITIGATION

Build governance *before* the first deployment, not after the first incident.

## MISTAKE 4

Defaulting to buy for speed.



## MITIGATION

Evaluate Total Cost of Ownership (TCO) at year 5, not just year 1 license fees.

# The Boardroom Translation Engine

The language of AI teams (model architecture) and boards (risk/return) rarely match. Every AI investment must map to one of three outcomes.



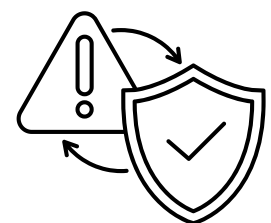
## **COST REDUCTION**

Quantify current annual process cost. Project savings at 12 and 24 months. Include implementation, maintenance and governance costs (not just the vendor license fee).



## **REVENUE ENABLEMENT**

Quantify the unlocked addressable opportunity. Define the timeline to first revenue impact. Explicitly state the assumptions this timeline rests upon.



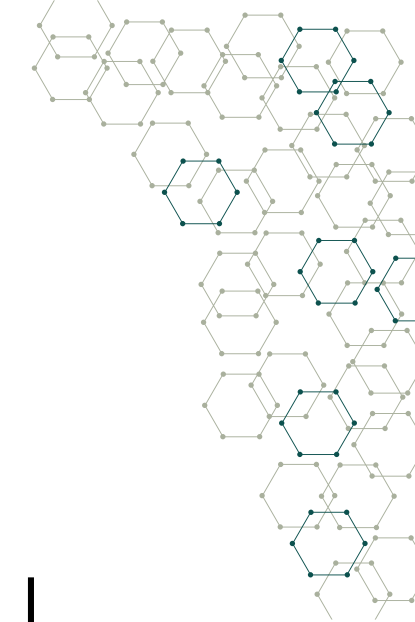
## **RISK MITIGATION**

Quantify the cost of a failure event. State the probability of failure without AI. Demonstrate how the AI investment reduces that specific probability (especially powerful for compliance use cases).

# The Ultimate Synthesis

AUGMENTATION OVER AUTOMATION,  
GOVERNED BY BUSINESS INTENT.

The most compelling board narratives frame AI as augmentation, making skilled people more effective at parts of their role that matter. Boards concerned about talent retention and culture respond to this framing. It is also more likely to be true: most successful AI deployments amplify human capability rather than replace it entirely.



# Execute with Confidence.

Acuity Data works with organisations and investment firms to build AI strategies that satisfy boards, withstand due diligence and deliver measurable outcomes.

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