

PRODYNA

Scalable Enterprise AI Use-Case Implementation



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Scalable Enterprise AI Use-Case Implementation From the Business Process to Proof-of-Value

Many companies struggle to scale AI projects into production, resulting in countless failed PoCs. This is often due to immaturity in one or more of the three layers of a complete AI strategy. Our implementation process draws on experience and lessons learned from countless customer projects. It addresses all layers of the AI strategy, increases your AI maturity and considerably reduces project risk. With a structured set of workshops, assessments, and iterative development based around 4 quality gates; positive business value and business alignment, existence of a usable data basis, existence of an AI operating model and functional verification via prototypic implementation, we ensure that well-substantiated AI use-case candidates scale properly in an enterprise production environment.

1. AI Use-Case Envisioning

Goal: Verify business value generation using AI in this use-case
Target audience: Process owner & business departments
Effort: 1 or 2-day workshop / use-case



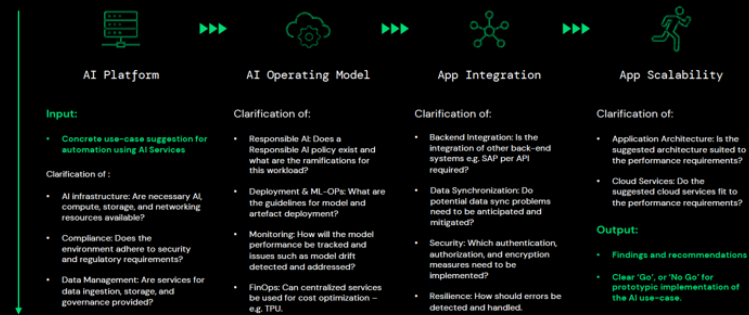
2. Data Readiness for AI Assessment

Goal: Verify that data required for the use-case has an appropriate quality, format, & infrastructure
Target audience: Data Engineer, Data Steward, Process Owner
Effort: Typically, 2 - 5 days depending on complexity and number of data sources



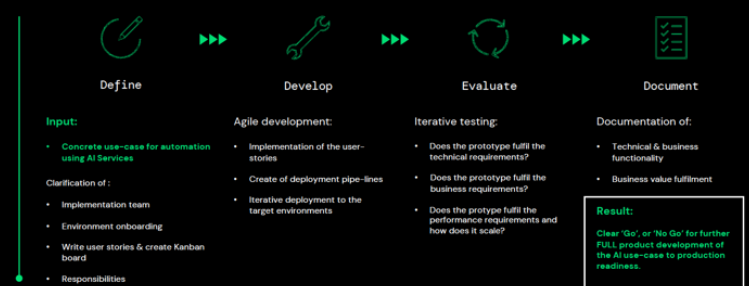
3. AI Platform, AI Operating Model & Architecture Check

Goal: Verify that cloud platform and app. architecture can scale to the performance requirements
Target audience: DevOps Engineer, Software Architect, Network Engineer, Network Security
Effort: Typically, 3 - 5 days depending on complexity of the application and environment



4. Prototypic Implementation & Verification

Goal: Create a prototypic implementation of the use-case to verify function and business value
Target audience: Software Engineer, Software Architect, DevOps Engineer, Process Owner
Effort: Typically, 10 - 30 days depending on complexity of the application and environment



Motivation

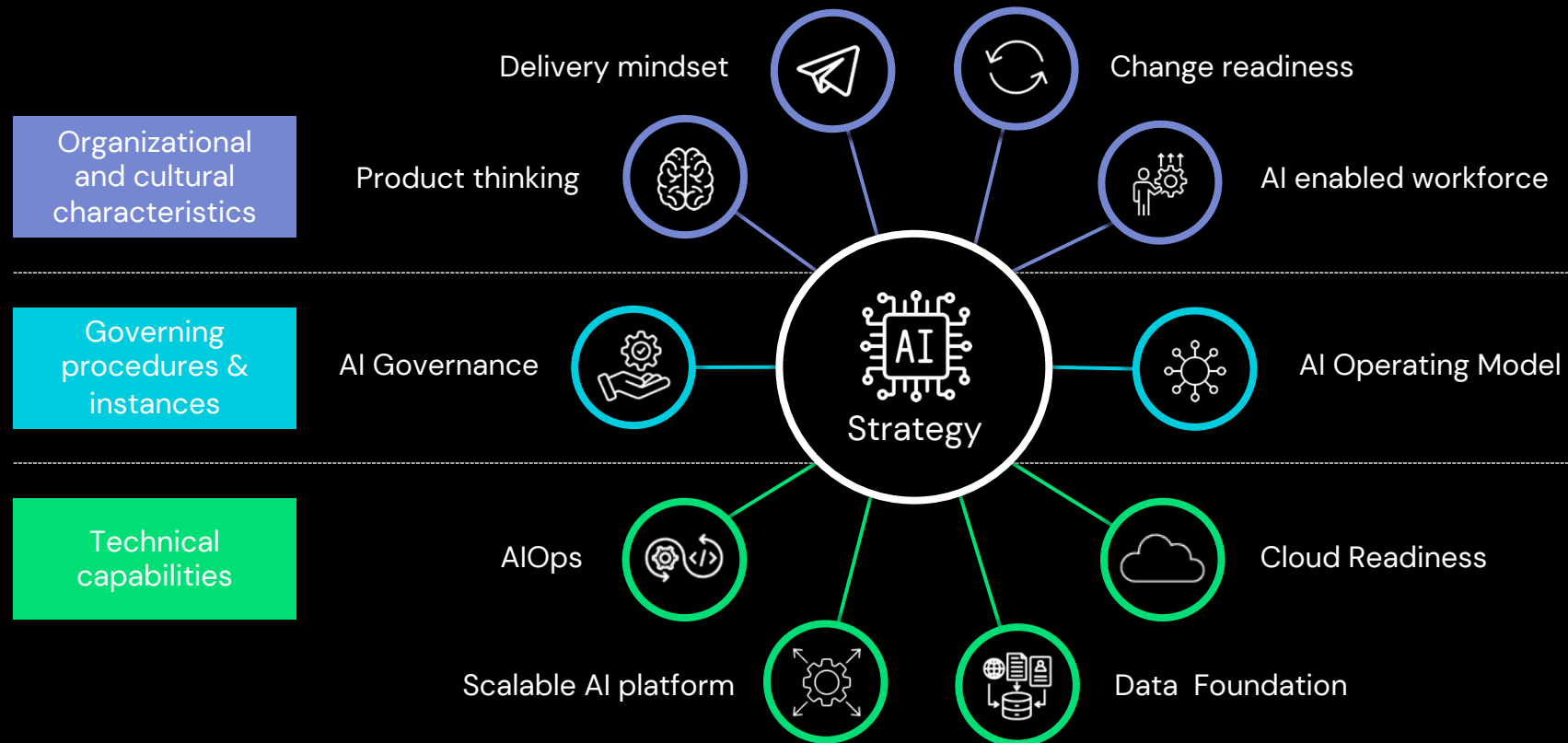
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This offer

This offer is composed of four steps which are outlined in detail on the following pages:

1. **AI Use-Case Envisioning:**
An interactive workshop to ensure that the proposed use-case is aligned with the company strategy and will generate business value following implementation:
2. **Data Readiness for AI Assessment:**
A 2-5 day assessment to ensure that a data basis for the proposed AI use-case actually exists. We will assess aspects such as relevance of the data to the use-case, data quality, data security, and data usability.
3. **AI Platform, AI Operating Model, and Architecture Check:**
This is a 3-5 day assessment to ensure that the customer has sufficient maturity on the Azure platform to host an AI use-case, ensures that the customer has the basic attributes of an AI operating model and that the proposed architecture to the use-case is secure and scalable.
4. **Prototypic Implementation and Verification:**
This is a prototypic implementation of the defined AI use-case and is tested to ensure technical and business functionality in addition to the verification that the use-case will actually generate true business value for the customer.

An AI Strategy is composed of three key areas



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Introduction

Input:

- **Suggestion for using AI in a business workflow**

Introduction from PRODYNA:

- Expectation management
- Overview: How GenAI works
- Introduction to AI design sprints
- Overview of today's scenarios

Business workflow

Split into work groups:

- Draw your business workflow, or process steps on the pin-board
- Highlight the workflow steps:
 - where time is lost
 - that are repetitive
 - Where errors occur
- Prioritize the problematic workflow steps

AI Card Mapping

Work in groups :

- Explore the Microsoft AI cards
- Map the features on the AI cards to the steps in your business workflow
- Use the clusters of AI cards to identify the workflow steps that can be best automated with AI services.
- Prioritise the clusters according to your perceived business value

Hypothesis

Group discussion:

- Present the findings

Output:

- **Hypothesis for using AI in the most relevant parts of the business workflow :**

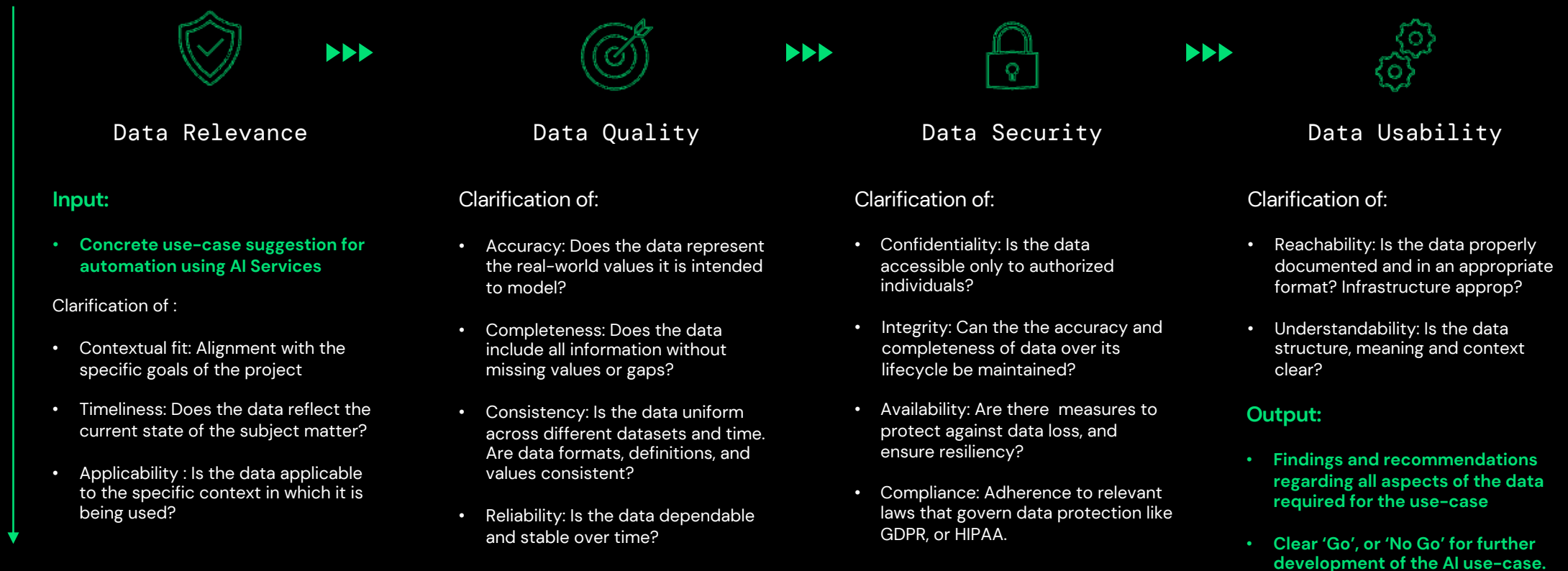
e.g. If we can automate text extraction from the customer forms, we can save c.a. 8000 human hours of effort / year.

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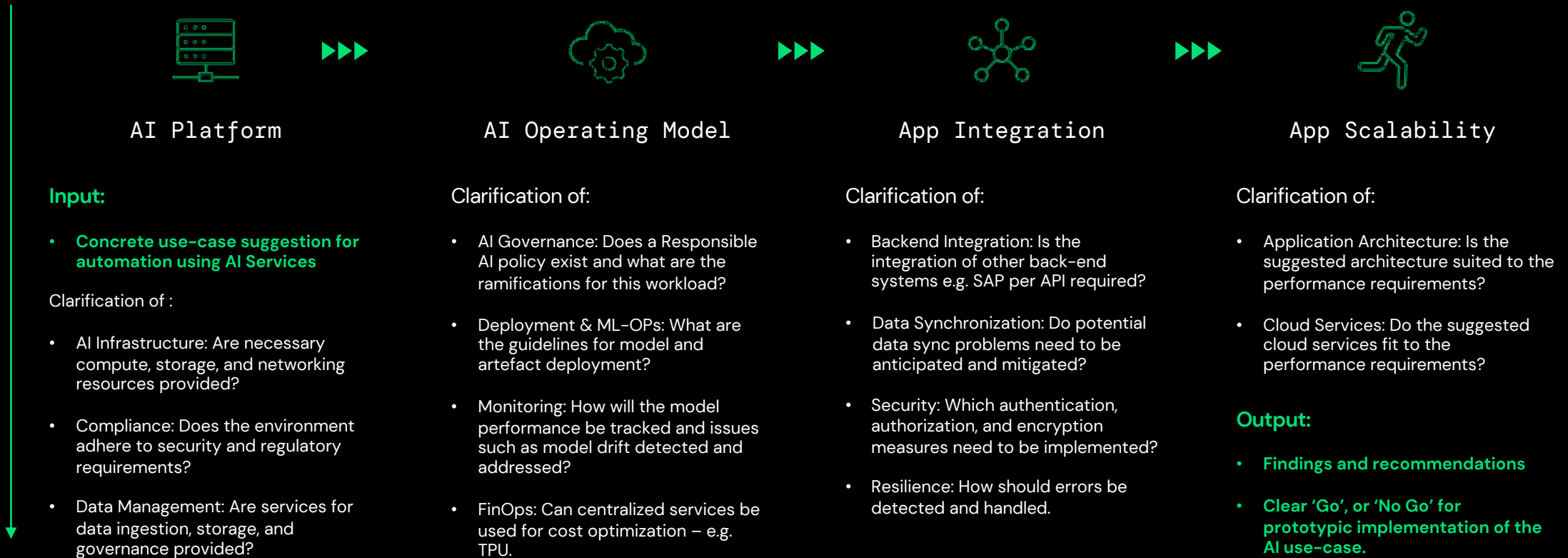


3. AI Platform, AI Operating Model & Arch. Check

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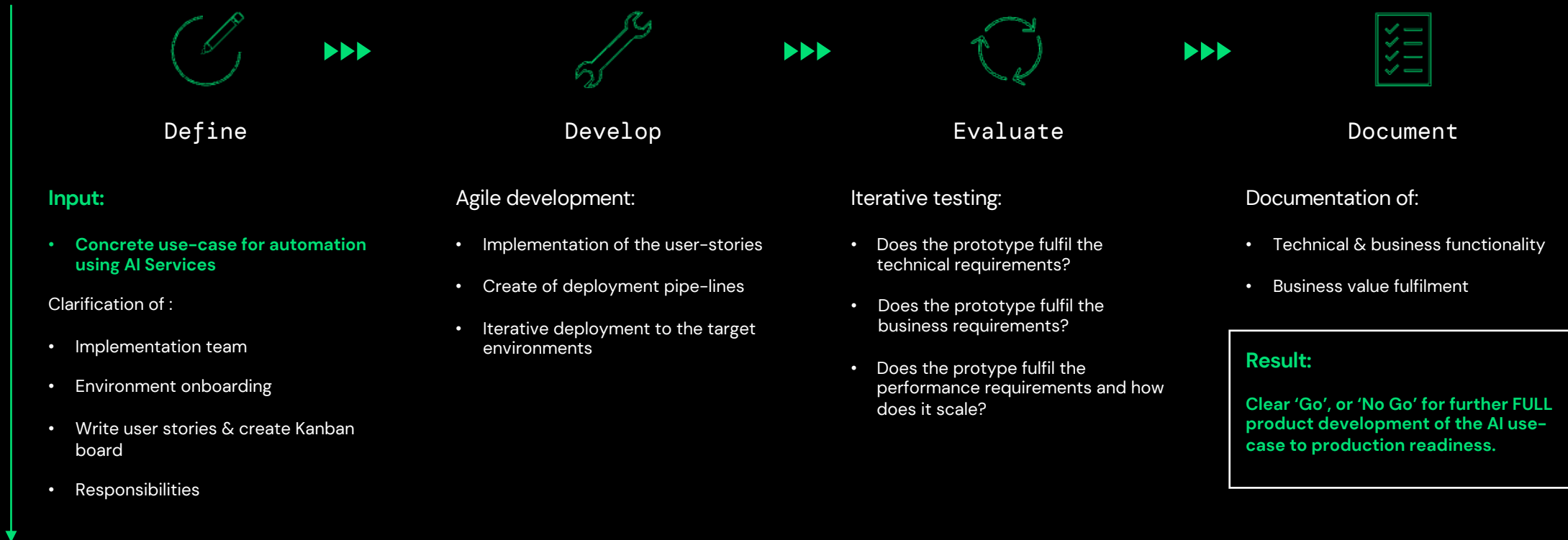


4. Prototypic Implementation & Verification

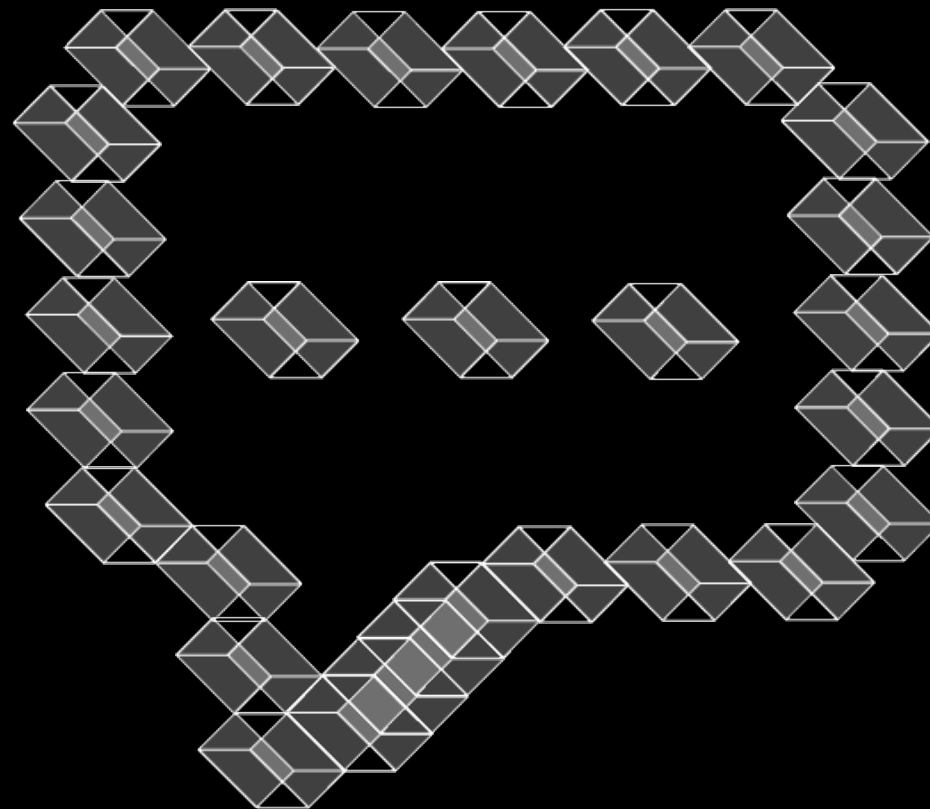
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Thank you!
Any questions?



Please contact us!



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