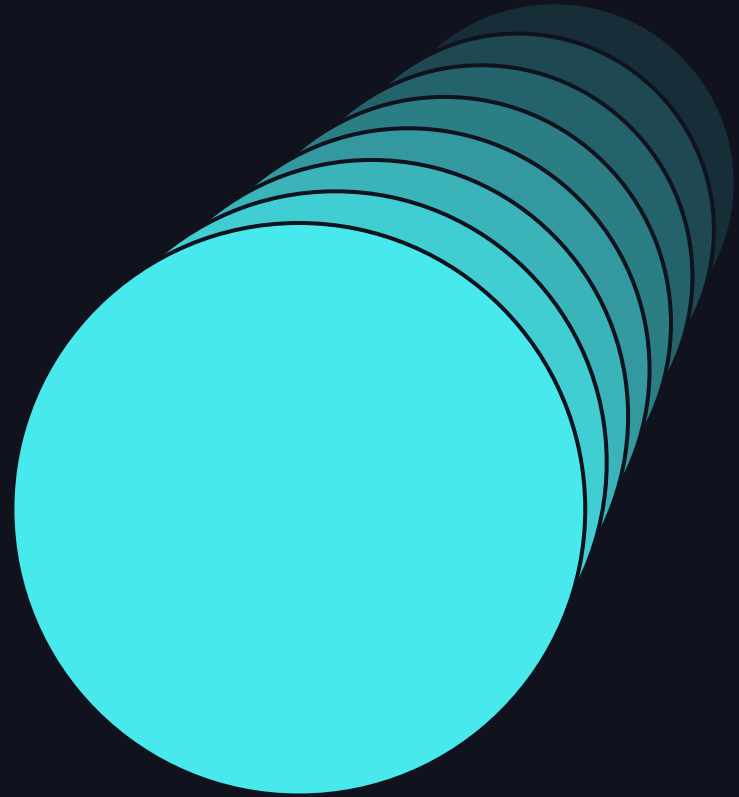


MAKING DATA & AI EVERYONE'S BUSINESS, RESPONSIBLY

HCL Tech
June - 2024



Rajesh Shori

Data and AI Solution Head

HCLTech

North America



Rajesh Shori
June 2024

Next 20 Minutes

- Different Persona
- Data to Insight Journey
- Data Landscapes Complexity
- Roadblocks in Scaling AI
- What Many Organizations are doing?
- Approach to Scale AI

Different Persona – Different Priorities

What should we do to transform from Centralized to Distributed Model?



1

What should I do to get robust governance?

What



Platform Team

Platform Governance
Organization IT Security
IT Policies and Standards

How

Buy Vs Build ? No Code
Low Code?
How do I migrate
existing Pipeline to new
Platform?

Architect/ Eng

Do I need to define
completely new
Data and AI Contracts?

Data and AI Team

Alignment of
GEN AI/ Data
Strategy with
IT Strategy

Data Platform
Capabilities
Data Security
Data
Governance
Data Policies

Measure the
Data Maturity
of the
Organization

Alignment of
Business
Strategy with
Data and AI
Strategy

Conducts Data
Literacy
Programs

Domain Team

Responsible Business
Processes and Function
Impacting PnL

Why



Domain Owner

2

Why should I own it? Does it
help me identify new
opportunities or grow existing
customer based?

Data Governance

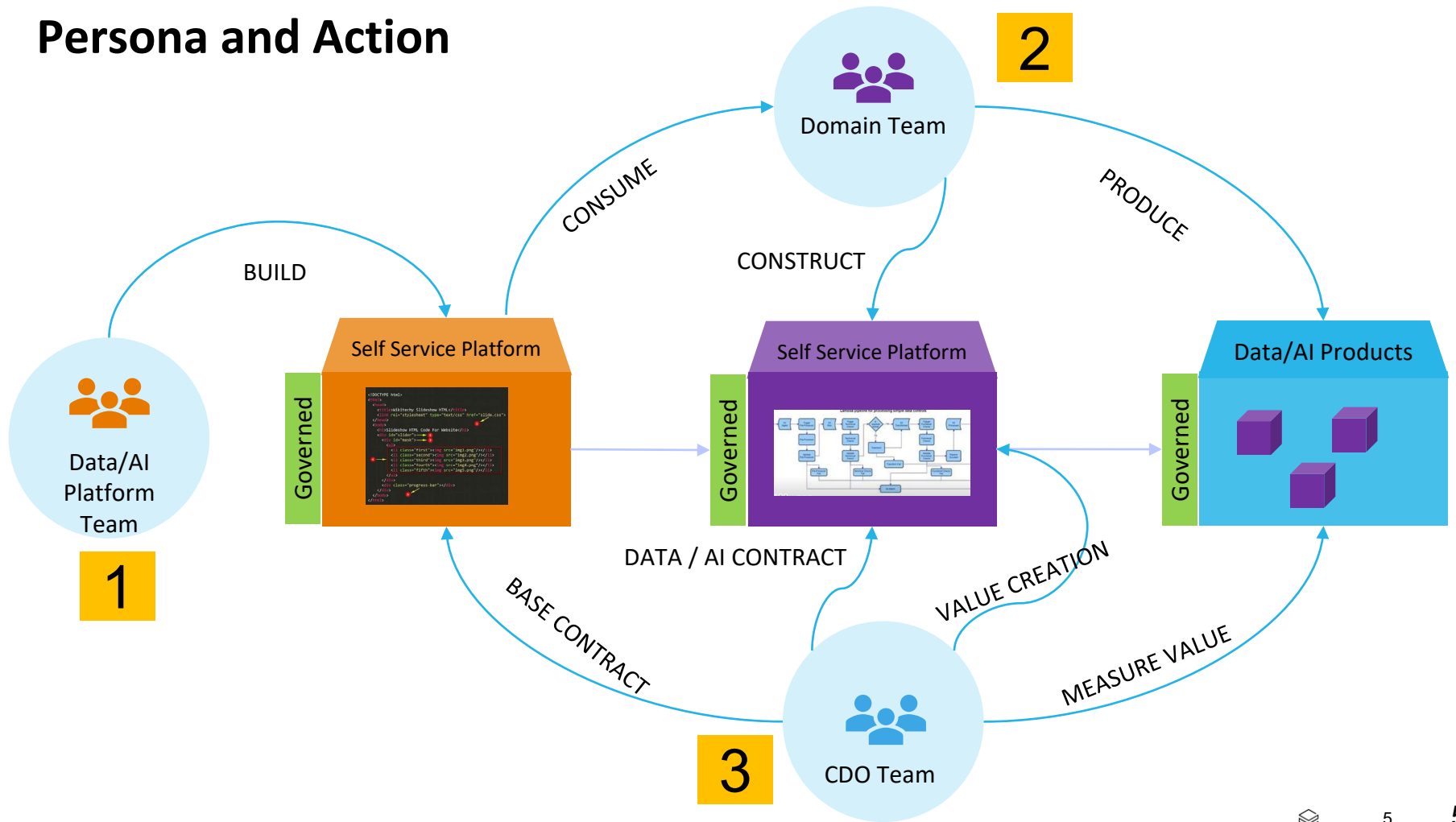
Security is
must

3

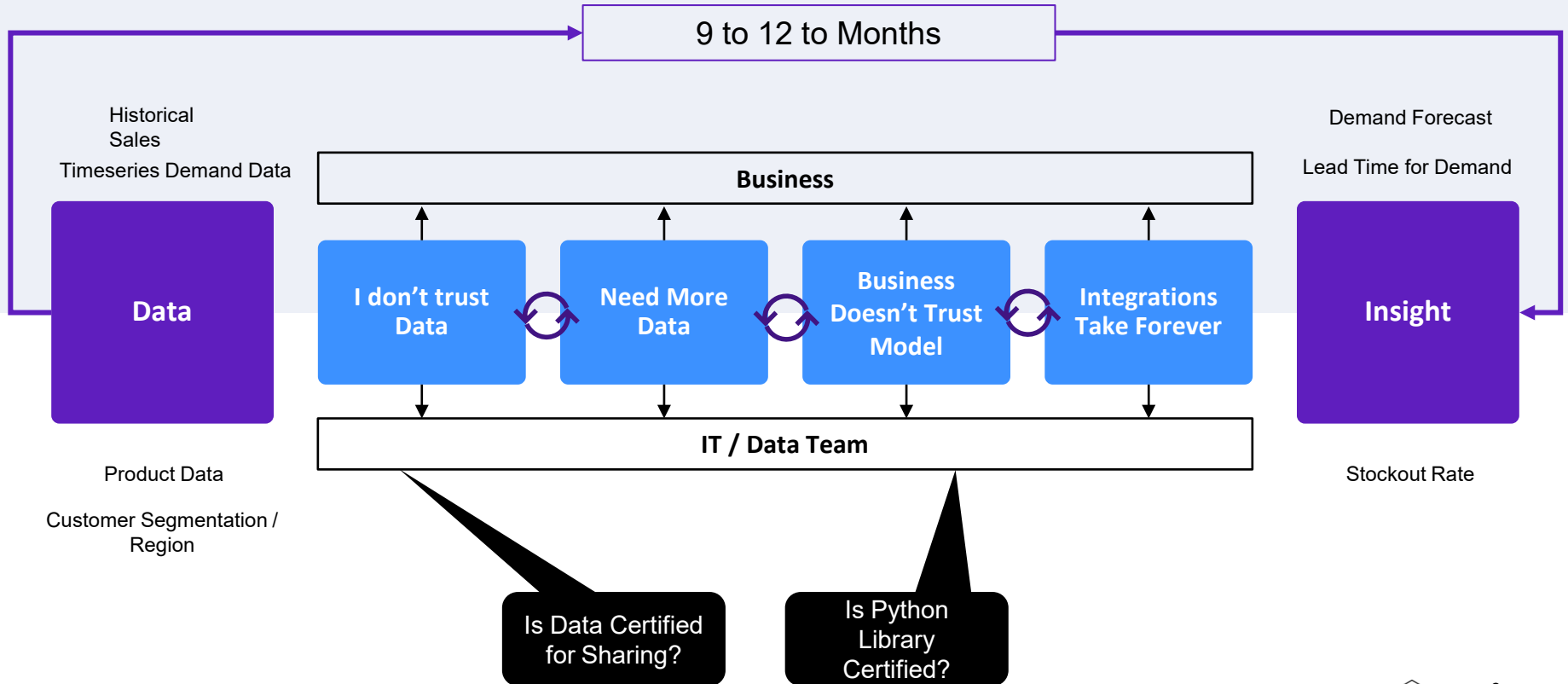
Why can't GEN Do everything?



Persona and Action



Data to Insight Journey - Demand Forecasting



Data Landscape have grown increasingly complex

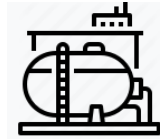


Raw Data with varying

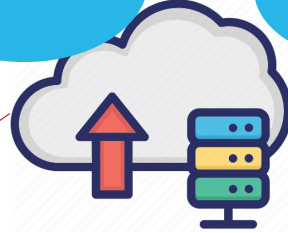
- Velocity
- Volume
- Variety
- Veracity



Multi-pipelines
Data Refinery



Multiple
Data pipelines for analytics
My numbers right
v/s your numbers conflict



Redundant
Data Interfaces
on hybrid multi-cloud
ecosystem



Who is consuming
what information
in the enterprise?

Scattered &
Non-contextual
Analytics

How Can I request
for Information
Which I am looking
For

Proliferating Data Lakes

Data
Warehouses

Master Data

3rd Party
Data

Data Marts

Data of Partners
and Customers

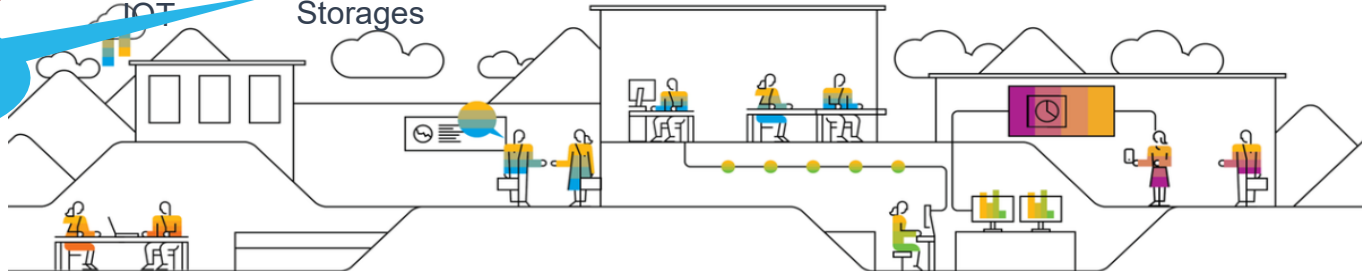
Logs,
IoT

Cloud
Storages

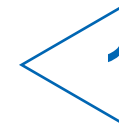
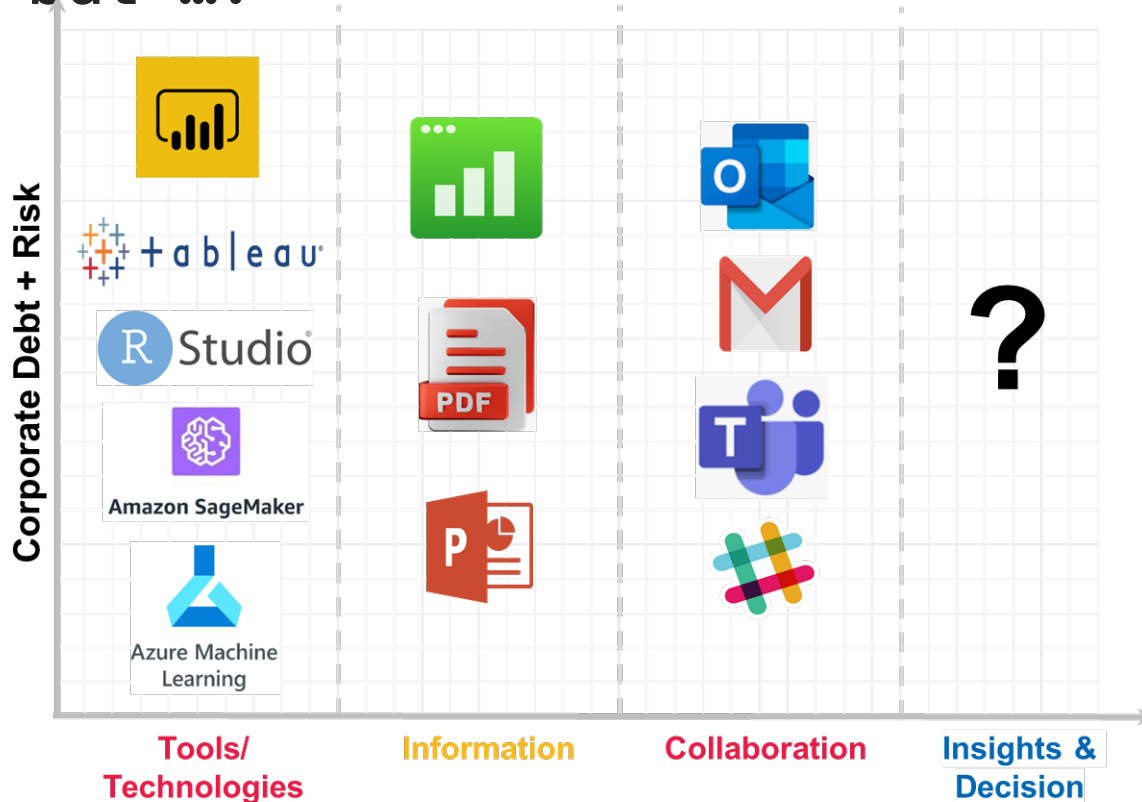
AI/ML Sandboxes

Applications Data (ERP, CRM)

How robust is the current
Data platform
to adopt AI



Organizations are trying to solve the puzzle but ...



“I am bombarded with so much data, I **don't know** what to use & believe for AI!”



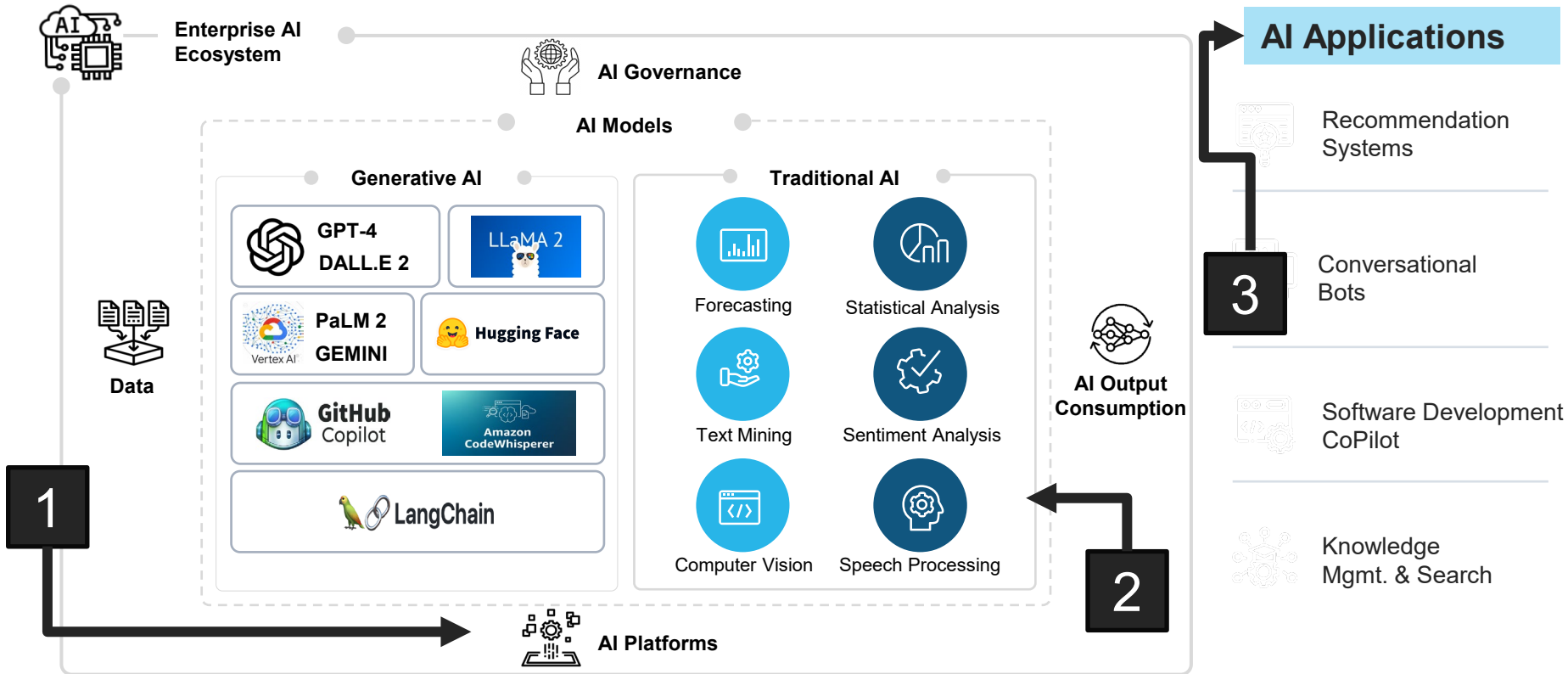
Numbers are of little value without contextual insights.



Knowledge organization is far more important than just data organization.

Our Approach to Scale AI - Step-1

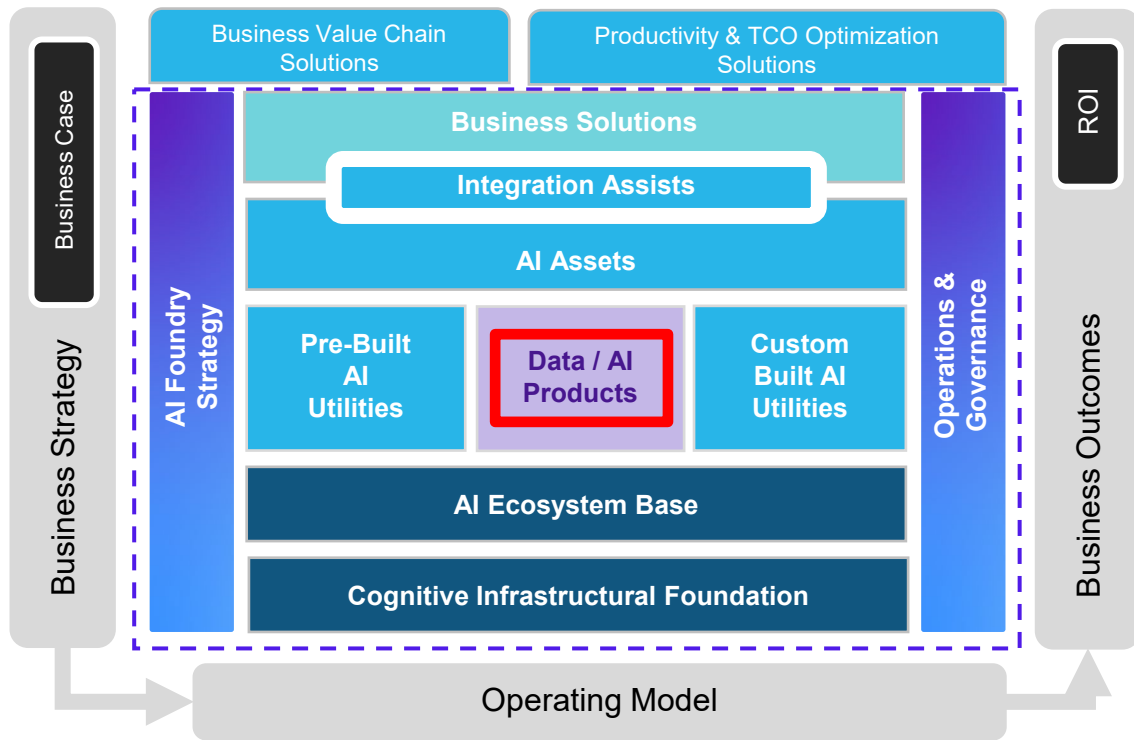
Conventional AI infused with Generative AI



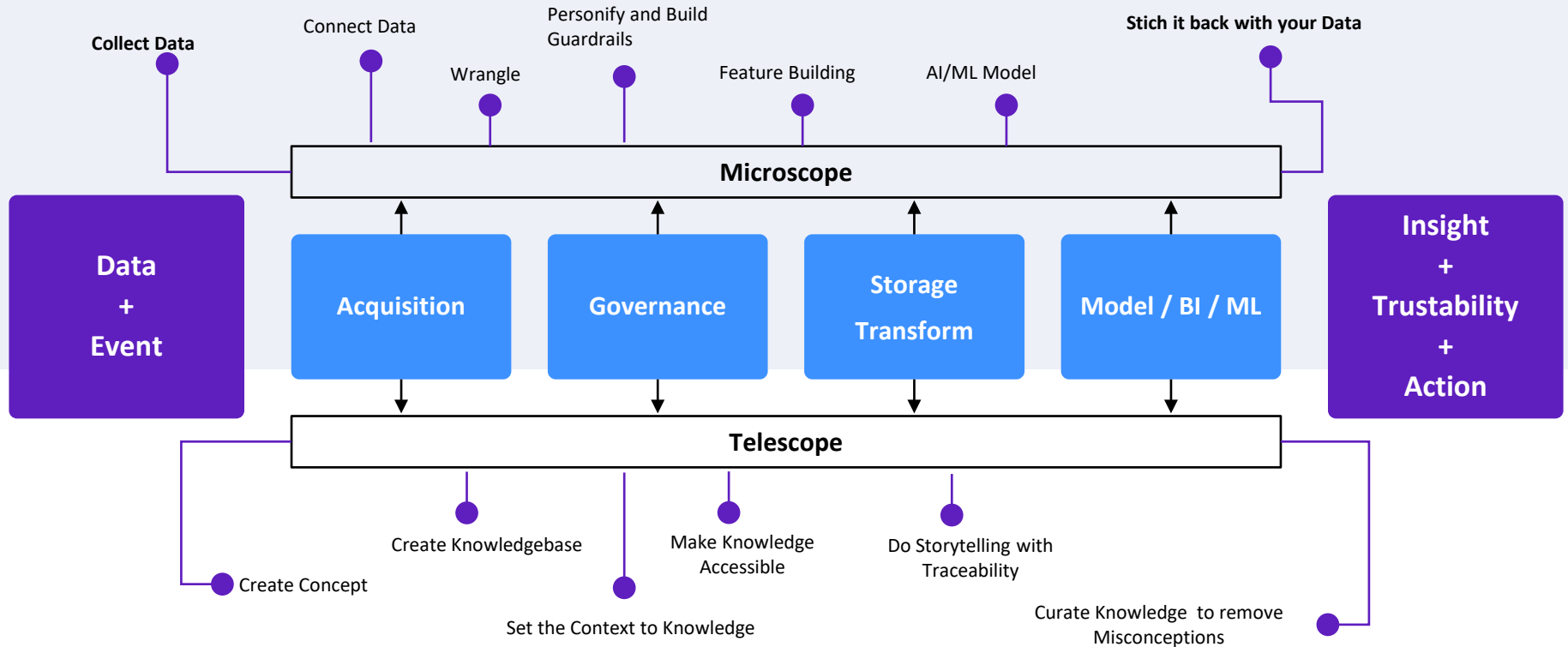
Enterprise AI Foundry Construct - Step-2

Helping Clients embark on AI Adoption Journey

HCLTech Enterprise AI Foundry is engineered to revolutionized customer experience, streamline operations, facilitate smart decision-making, and deliver accelerated business results.



Data to Insight Journey - Enterprise AI Foundry





Hello James,

Welcome to Enterprise AI Foundry

A revolutionary way to drive AI effectiveness across enterprise value chains.

The Enterprise AI Foundry accelerates four key priorities – establishing comprehensive AI estates while minimizing technical debt, driving impactful business outcomes through AI implementation, evolving experiments into full-scale production and fostering responsible and sustainable enterprise-level AI adoption.

[Launch & Explore...](#)



Value Chains

Select a value chain to begin exploration

Manufacturing

Supply Chain

Distribution and Sales

Enterprise

1

Data Model

Select a data component for exploration

Order to Cash

Point to Point

Pricing

Operations

Budgets

HR

2

Enterprise Playground

Drag and drop your value chains and AI models for real-time AI recommended insights and more...

Subject / Event

The 2024 hurricane season is predicted to be extremely active, with above-average activity...

Knowledge Map

Stitch them with Graph Gen-AI Models



Datasets



4

Summarize

Model Recommendation



Data Traceability

AI/ GEN AI Models

Curated model repository

Learning model

Reasoning model

Solving model

Perception model

Language model

3

My Digital Twin

Conversation Bot

5

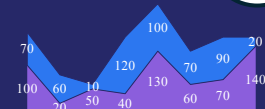
Conversation content goes here...

Type your text here...

Personalized Insights

Real-time analytics

6





Value Chains

Select a value chain to begin exploration

Manufacturing

Supply Chain

Distribution and Sales

Enterprise

Data Model

Select a data component for exploration

Order to Cash

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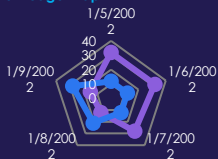
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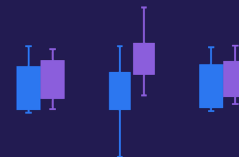
Summarize

List of product and estimated additional inventory required. Here is the list of stores in the area that will be affected.

Model Recommendation



Data Traceability



AI Models

Curated model repository

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Reasoning model

Solving model

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Language model

My Digital Twin

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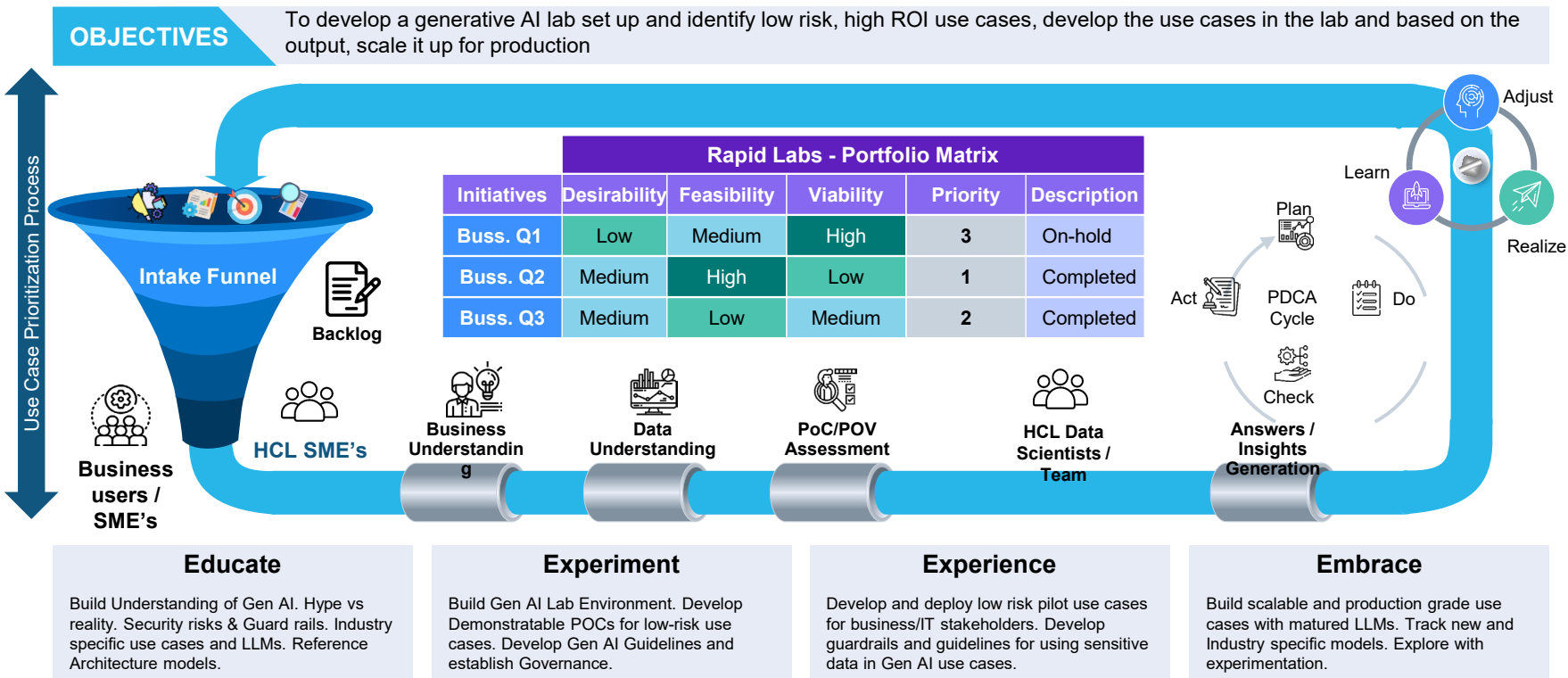
Personalized Insights

Real-time analytics



Case Study: AI Advisory and Adoption

Use Case Prioritization



Sum it up

1. Engage Persona's through AI App – Visualize AI
2. Consider Data + AI as Product - Platform that Serves the Product
3. Enable Foundry – Well connected component
4. Identify Employee and Customer Engagement Events
5. Stich the Business Knowledge Graph with GEN AI – Connected value chain

Thank You!!