

A nighttime city skyline, likely Dubai, with numerous skyscrapers illuminated. A semi-transparent network of white dots and lines is overlaid on the image, connecting various points across the frame. The text 'DigiXT by saai.' is centered over the skyline.

DigiXT by saai.

WE TRANSFORM LIVES



November 21, 2022

Saal is an end-to-end Business Solution provider with Tech Products & Engineering capabilities

About Saal

- An **Applied AI** company with global growth aspirations
- Delivered many **Cognitive AI** solutions
- **Deployment models, Industry focus and Arabic capabilities** makes us unique
- ISO 27001 & 9001 certified

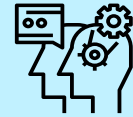
Capabilities



Product Development



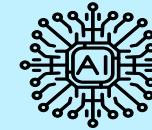
DevOps



UX / Design Thinking



Engineering Cloud native



Machine Learning



Natural Language Processing



Big Data Analytics



Arabic



Speech Tech

Products



BigData/A.I platform

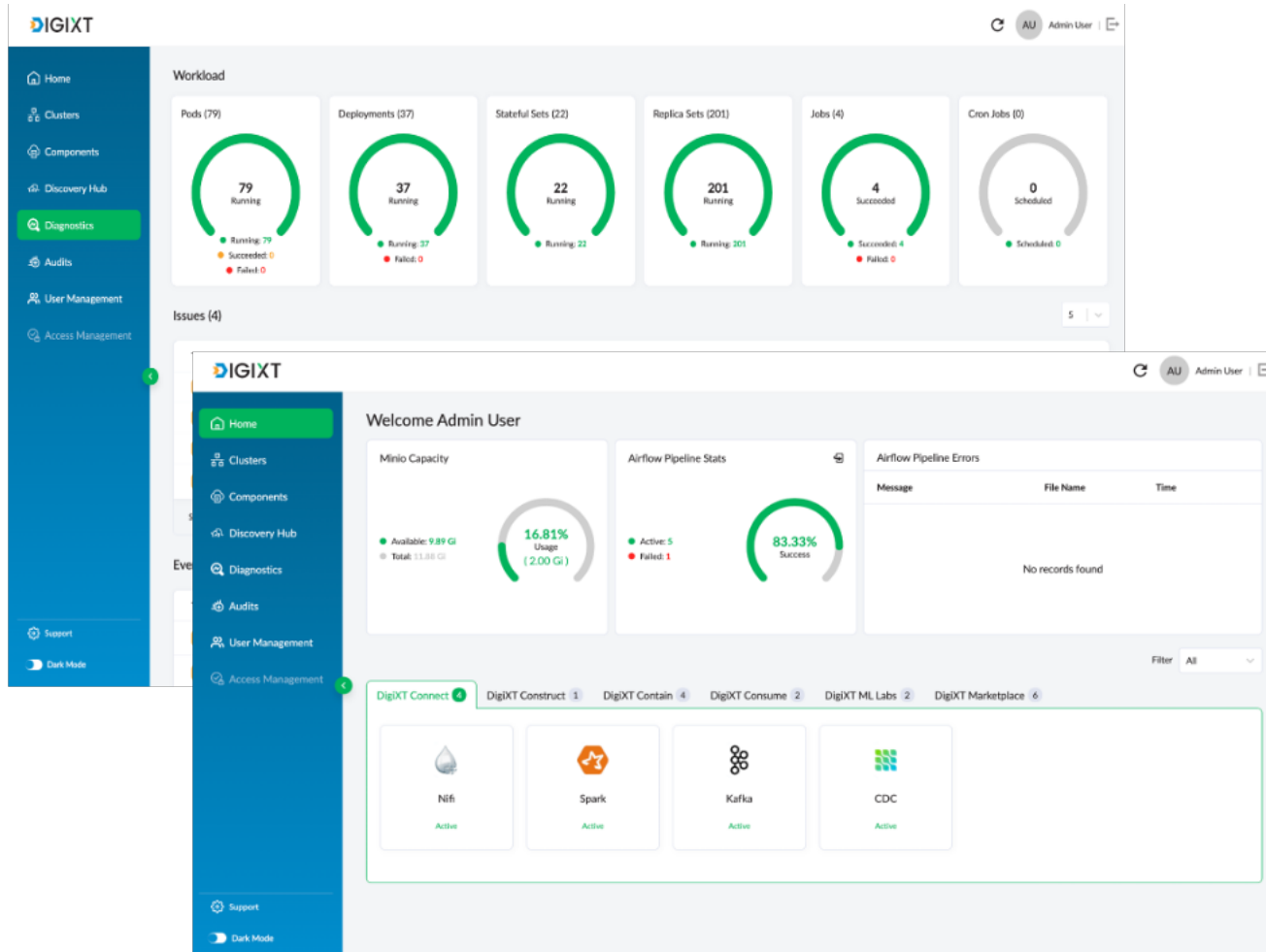


HR Talent & Competency



Arabic AI Technology

DigiXT is an integrated Big data & AI solution that focuses on Business Outcome, easy & quick to deploy at an optimal cost ^{saai.}



1. Modular system

- Less investment & highly scalable light weight architecture
- Bundled with services, no worry about hiring own team

2. Ready to deploy 'use cases'

- Business 'use case' focused solutions – prebuilt or custom
- Activities based on the end results in mind

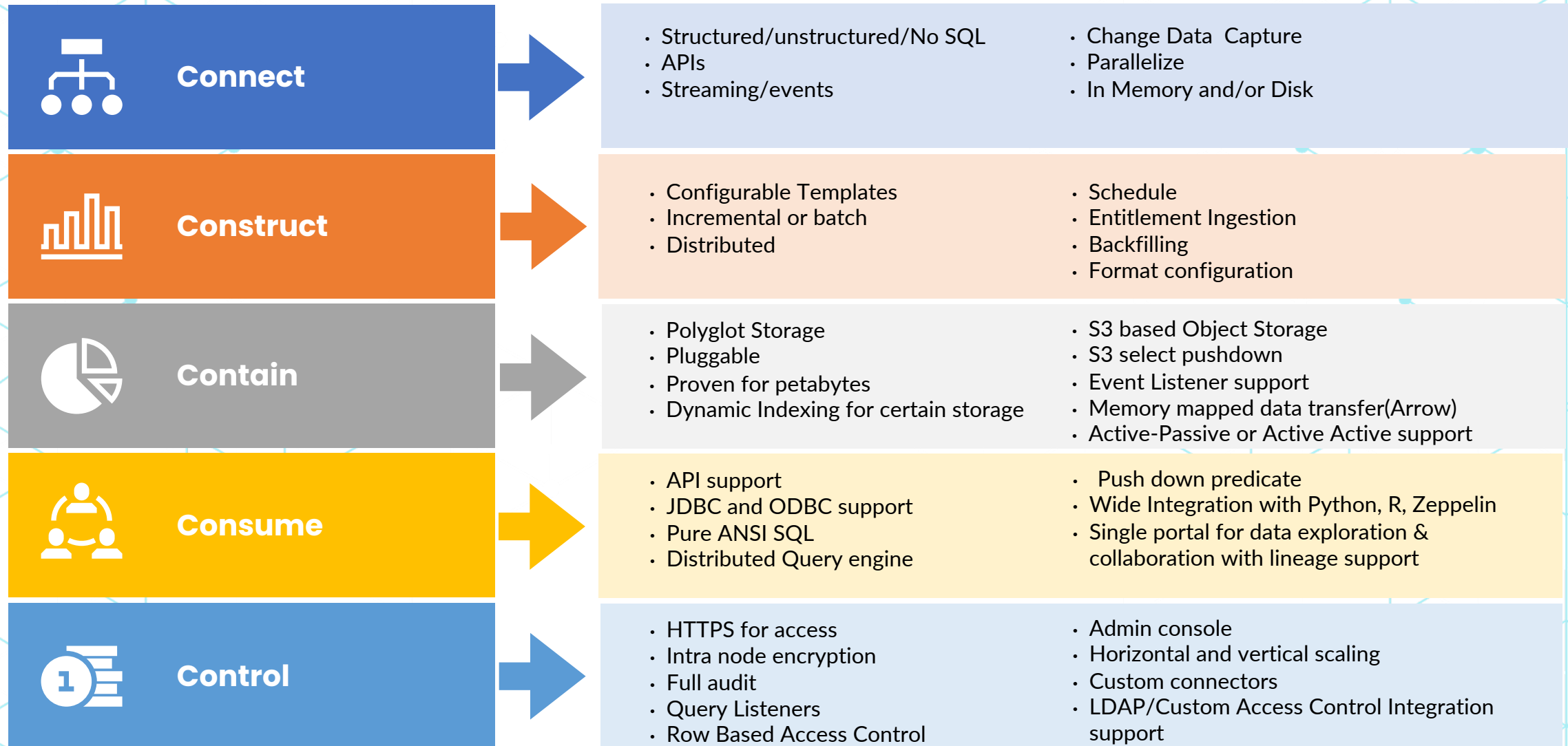
3. Result Oriented

- Begin with the 'business use case' and integrate data to achieve that
- Rapid deployment, Time and cost optimized

4. Co-IP creation

- Co-development options to specialize use cases
- Perpetual license options

The 5C architecture framework makes DigiXT Unique. . .



Build for AI and ML

saai.

Distributed Query Engine

Massively Parallel Processing
Query Engine

No Learning curve – Just ANSI
SQL Compatible

Horizontal Scaling with Connector
Architecture to Extend

Zero Copy data transfer

Language Independent Columnar
Memory Format

Zero-copy reads for lightning-fast
data access without serialization
overhead

Built for high performance
analytics and machine learning use
cases

End to end Life cycle of AI/ML

Record and query experiments
with comparable results from runs

Package containerized and
deployable ML code for any
platform

Store, annotate, discover, and
manage models in a central
repository

Easy access and collaboration

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Templatized Ingestion

Configure attributes in a CSV and just schedule

Leverages Apache Spark underneath, with basic entitlement automated

Backfilling, notifications and management through a single console

Data Virtualization

Query data where it lives

One single entry point with all access controls and security for polyglot data

Accessible from existing ecosystems with standard APIS and JDBC/ODBC

Data Discovery & Collaboration

An intuitive WYSIWYG interface for all data

Create views from complex queries and share it to enterprise

Create data documents illustrating complete use case with polyglot data access

Data Governance & Management

Data Security

Data Encryption – At Rest and In Transit

Authentication
Role Based Access Control

Row Level Filter
Column Masking

Data Management

Data Discovery
Data Lineage

Data Catalogs
Data Docs

Data Collaboration
SQL Labs
Table Tagging

Audit & Logging

Policy Manager Audit
Components Manager Audit

User Manager Audit
Login Events

Orchestrator Audit
Object Storage Audit
Query Engine Audit

User-facing analytics and data products

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Blazing Fast

Designed to answer OLAP queries with low latency on immutable data and mutable data(Upsert Support)

Smart Indexing

Pluggable indexing technologies - Sorted Index, Bitmap Index, Inverted Index, StarTree Index, Bloom Filter, Range Index, Text Search Index(Lucence/FST), JSON Index, Geospatial Index

Anomaly Detection

Run ML Algorithms to detect Anomalies on the data stored

Hybrid Tables for Lambda Arch

Smart segmentation between real time data and batch data so that data can be served from both segments together

PREMIUM

Who viewed your profile

12

Apache Pinot (Mountain View, CA)

2 reactions

203 views

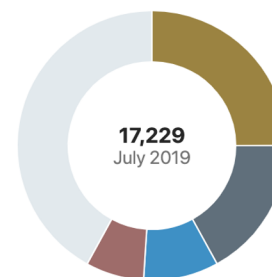
PREMIUM

Employee distribution and headcount growth by function

Functions

Based on LinkedIn data. Excludes subsidiaries.

Functional distribution



Headcount growth

6m

1y

Engineering

▲ 11%

▲ 19%

Sales

▲ 9%

▲ 16%

Human Resources

▲ 9%

▲ 23%

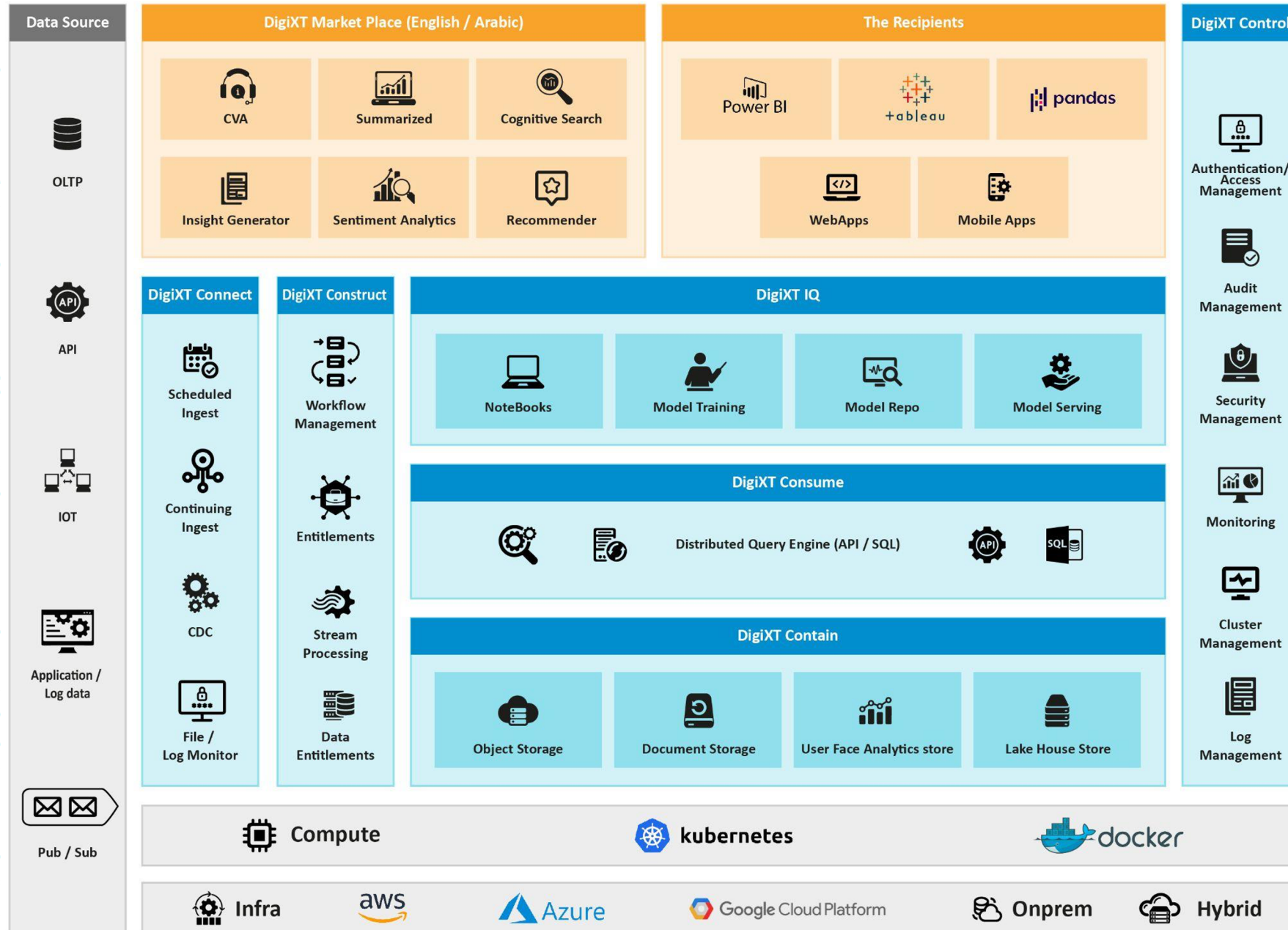
Information Technology

▲ 5%

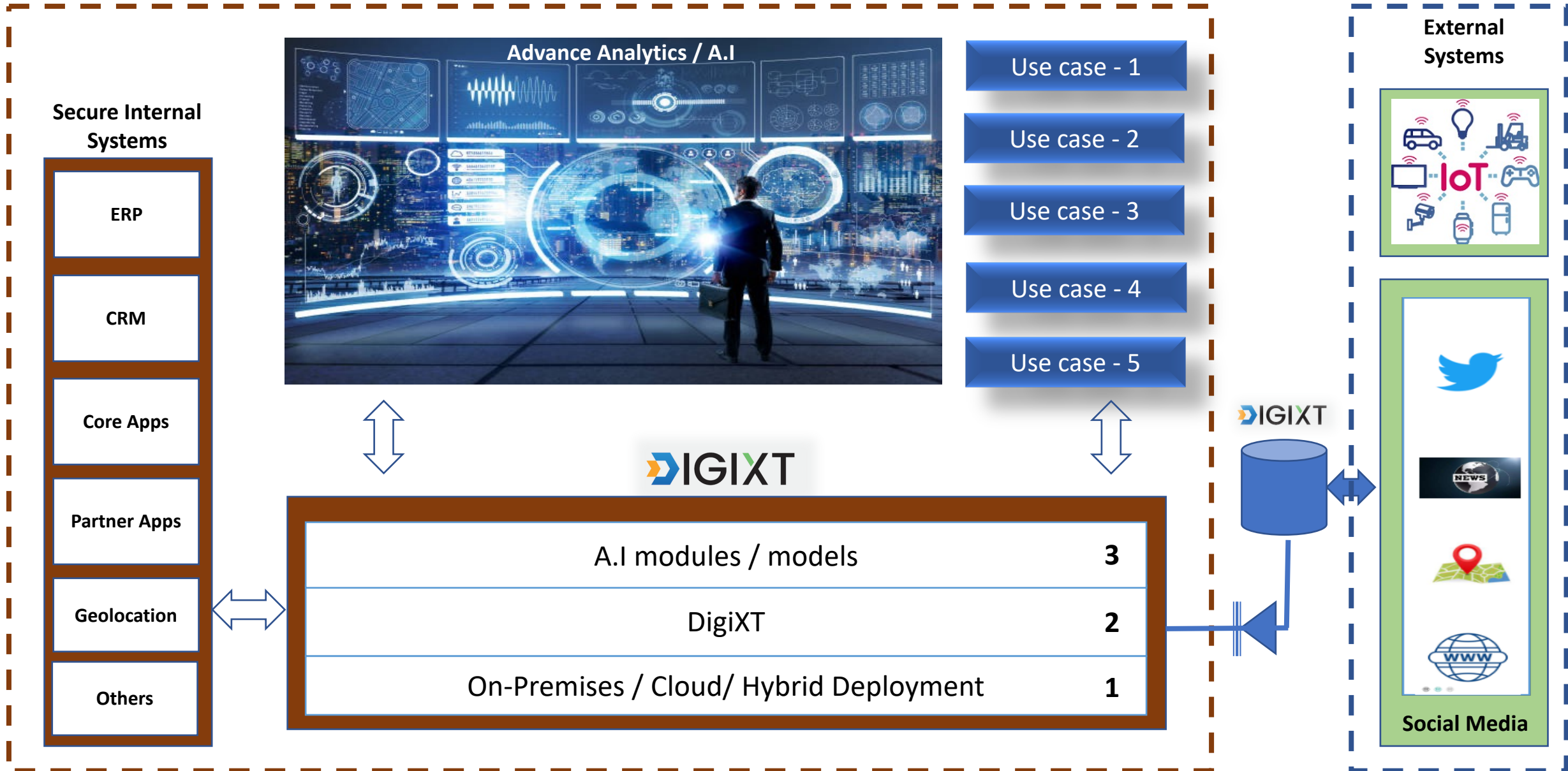
▲ 13%

DigiXT Platform Architecture

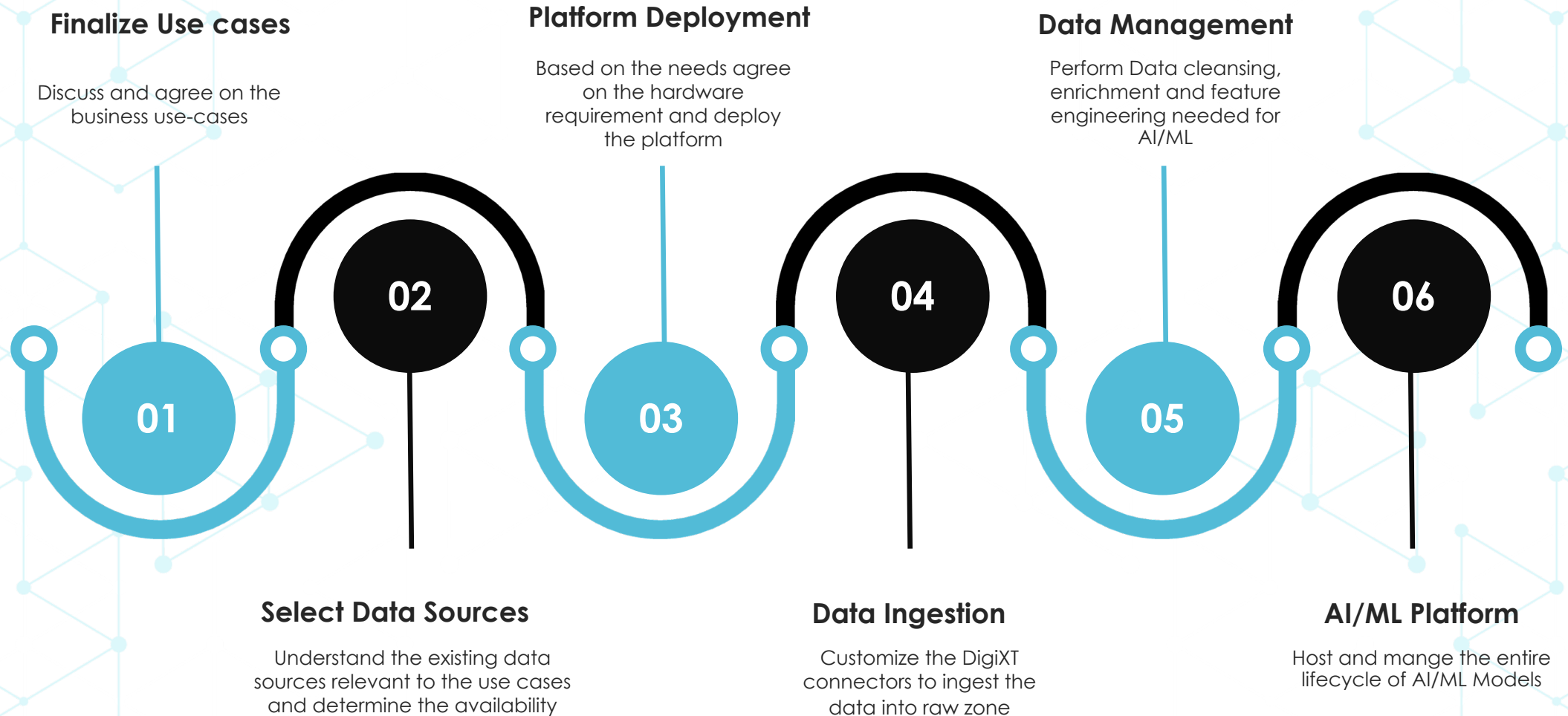
saai.



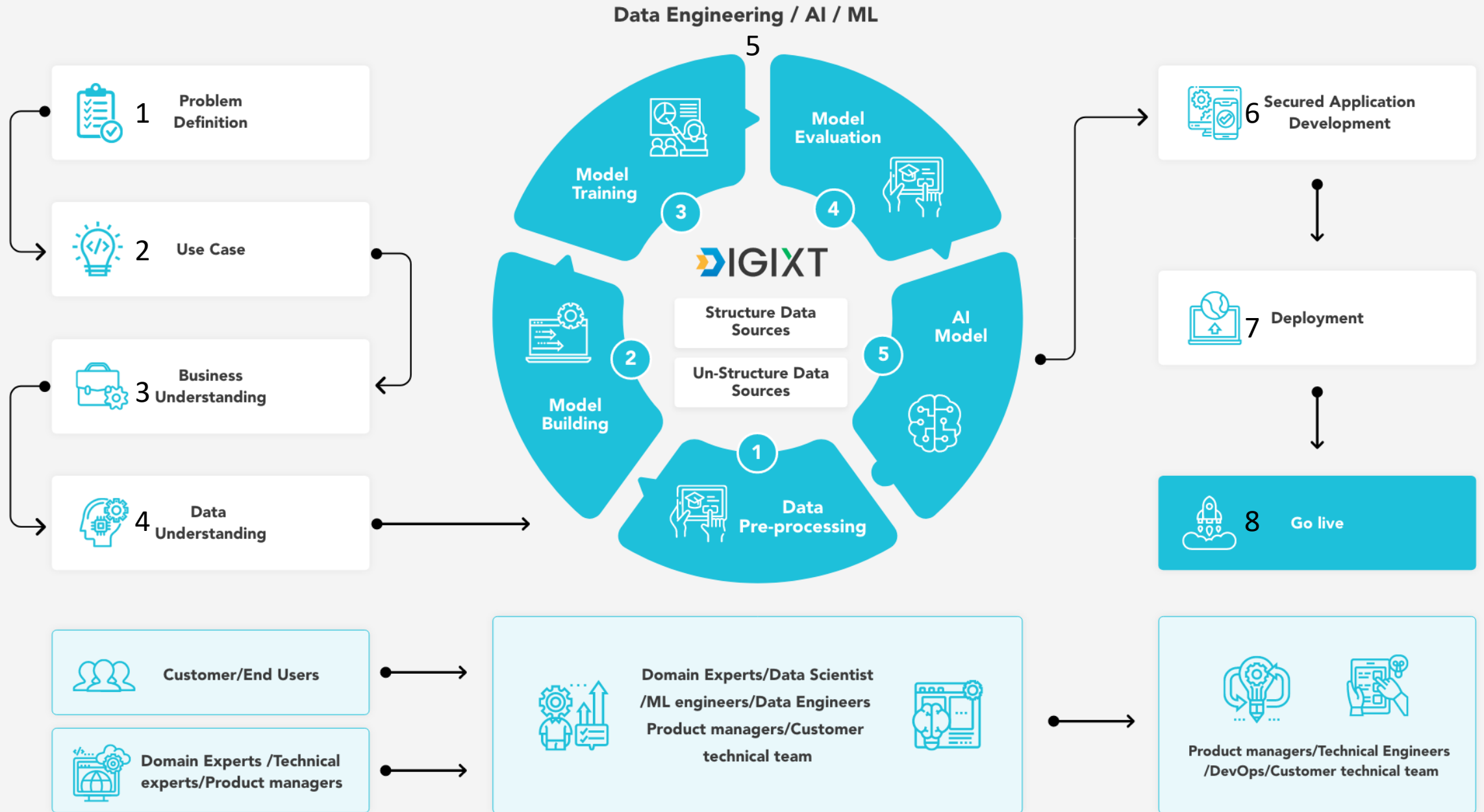
DigiXT deployment model



... and the implementation methodology fast tracks the AI Journey



8 Step Processes – ‘Use Case’



Key Differentiators..

Native Arabic Support

Unified Platform with ready-to-deploy AI use cases

Multiple deployment options

Raid Deployment capability

Light Resource requirements

Modern Micro-services architecture

Distributed query engine & native visualization

Memory mapped data transfer

Real-time OLAP





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Thank You

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