

No Code AI/ML Platform

ARTIFICIAL INTELLIGENCE

JULY 8TH 9:00 AM US CENTRAL



Bhagvan Kommadi, Jul 8, 2021



Agenda

What's In It for Me ?

Mind Map – No Code platforms

Why No Code platforms

Health Care

Insurance

Challenges

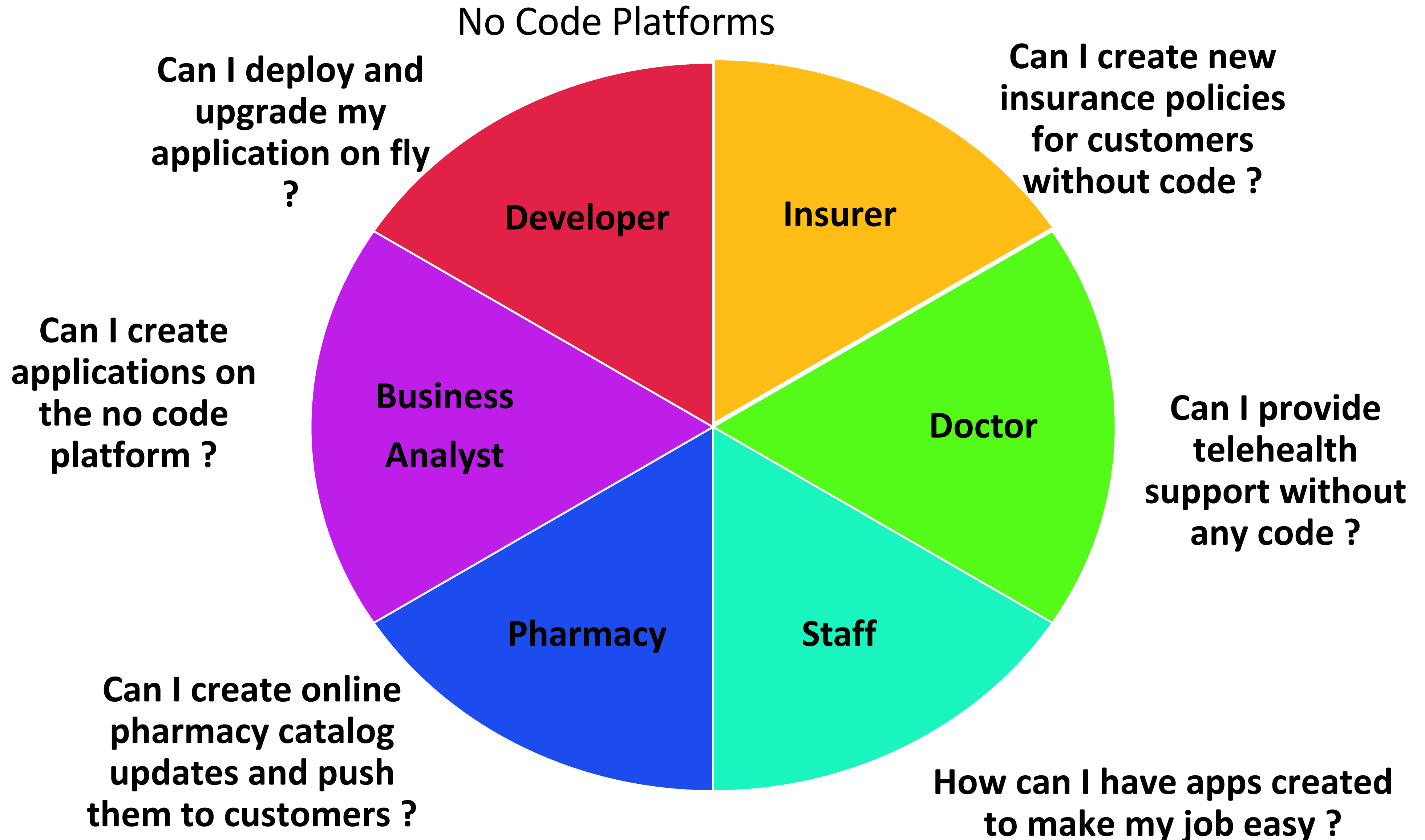
No Code Platform

Demo

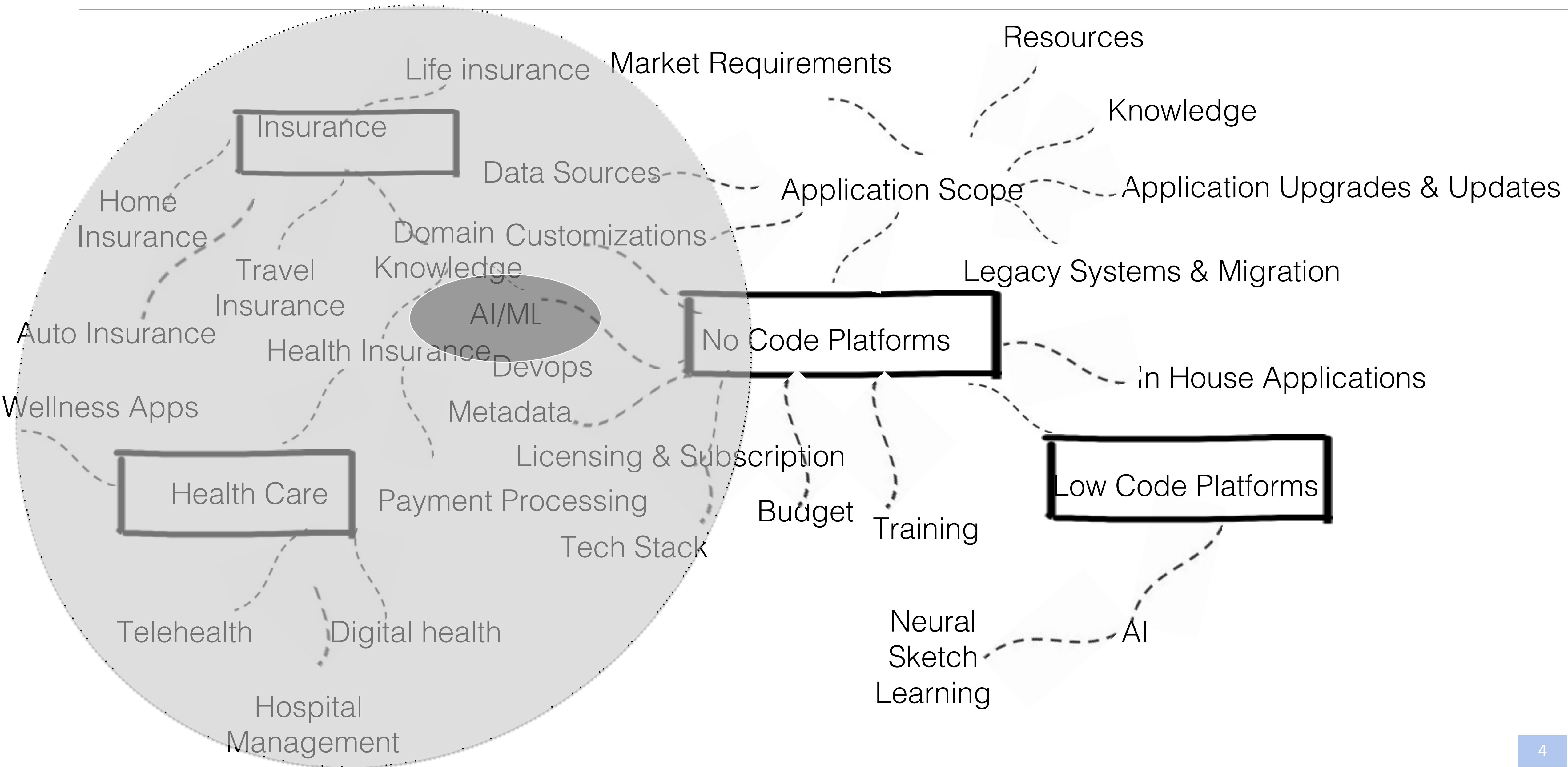
Who Else is doing this ?

What's Next ?

What's in it for me ?



Mind map – No Code Platforms



No Code *AI/ML* Platform

Why No Code Platforms ?

Advantages

Lower Barrier to Entry

Deployment Cost

Shorter Development Cycles

Reduced Maintenance Burden

Enhanced Customer Experience

Integration of Legacy Systems

Improved Productivity

Strong Builtin Governance

Rapid Prototyping

Software Development Democratization

“AI-enabled tools will generate \$2.9 trillion in business value by 2021.” – Gartner

No Code Platforms : Insurance

Underwriting Process

Claims Processing

Insurance quote

customer buying an insurance policy

Customer on boarding

Adjustments

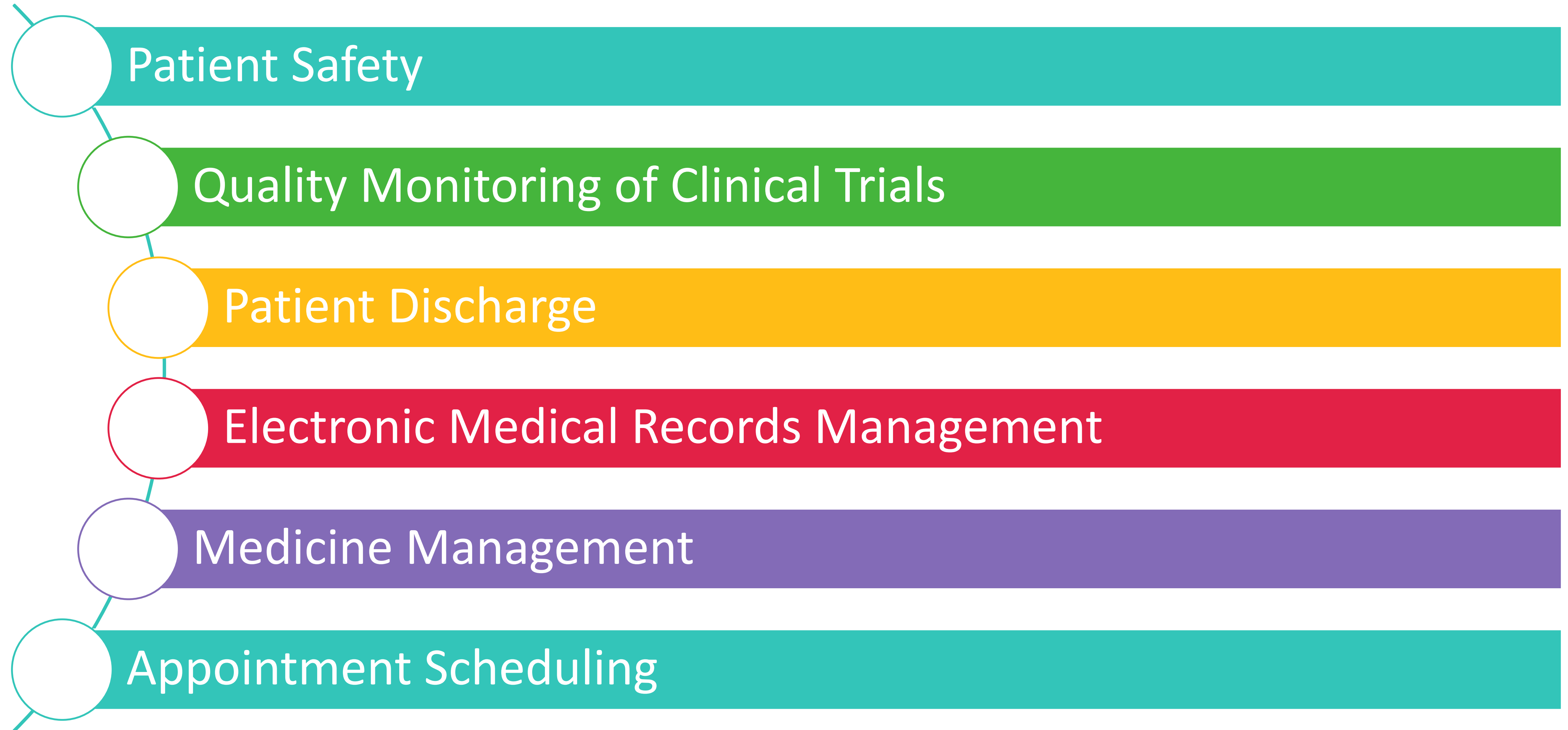
Renewals

Product Lifecycle Management

Dynamic Case Management

65% of applications will be created with low-code tools by 2024, and their market cap is estimated to rise to over \$21 bln by 2022.

No Code Platforms : HealthCare



No Code Platforms - Pharma

Compliance

Audit

Pharmacist Network Communication

Digitization of Research

Drug traceability

Medical Supply Chain Management

Challenges



Maintainability

Upgradeability

Performance

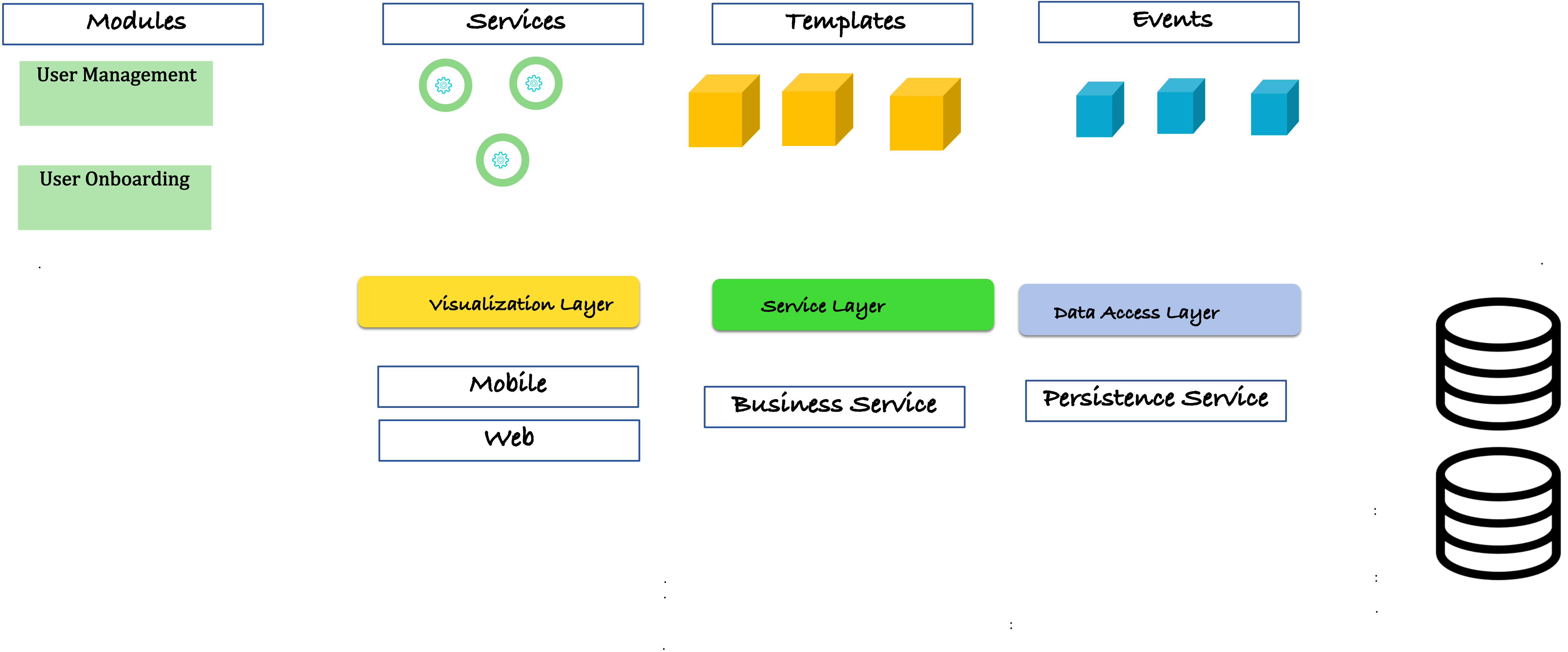
Security

Scalability

No Code Platform

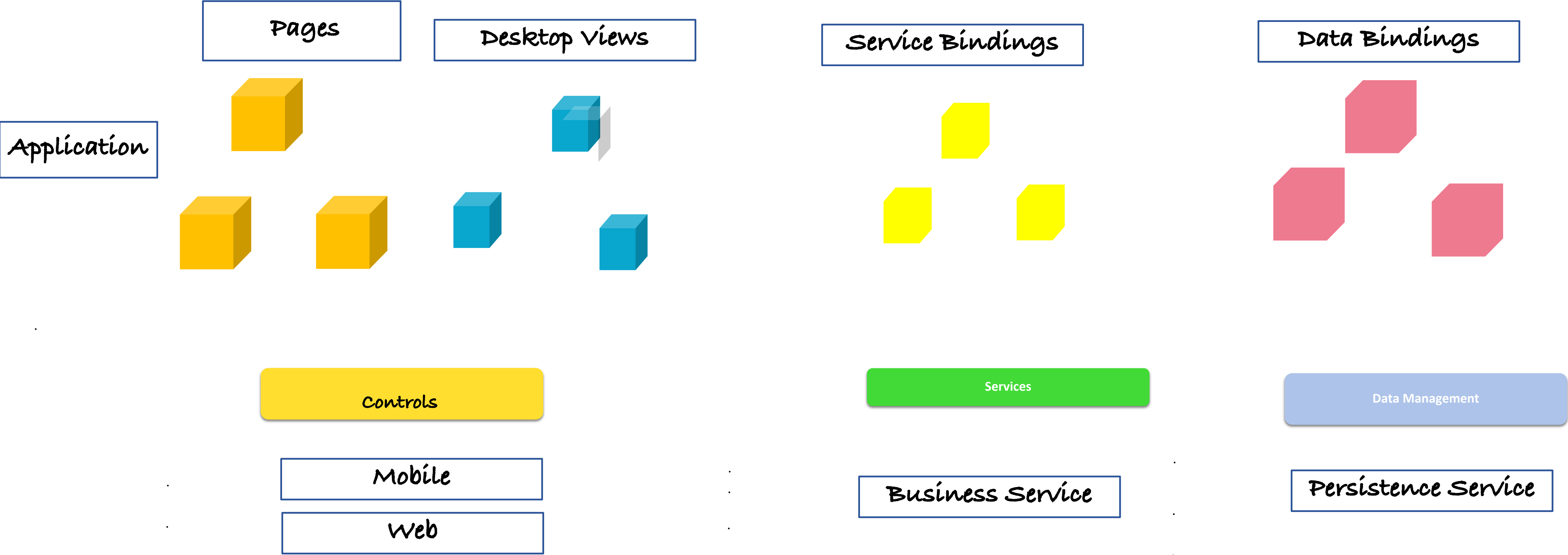
No Code Platform : Application Architecture

Modules, Services – Microservices based Architecture



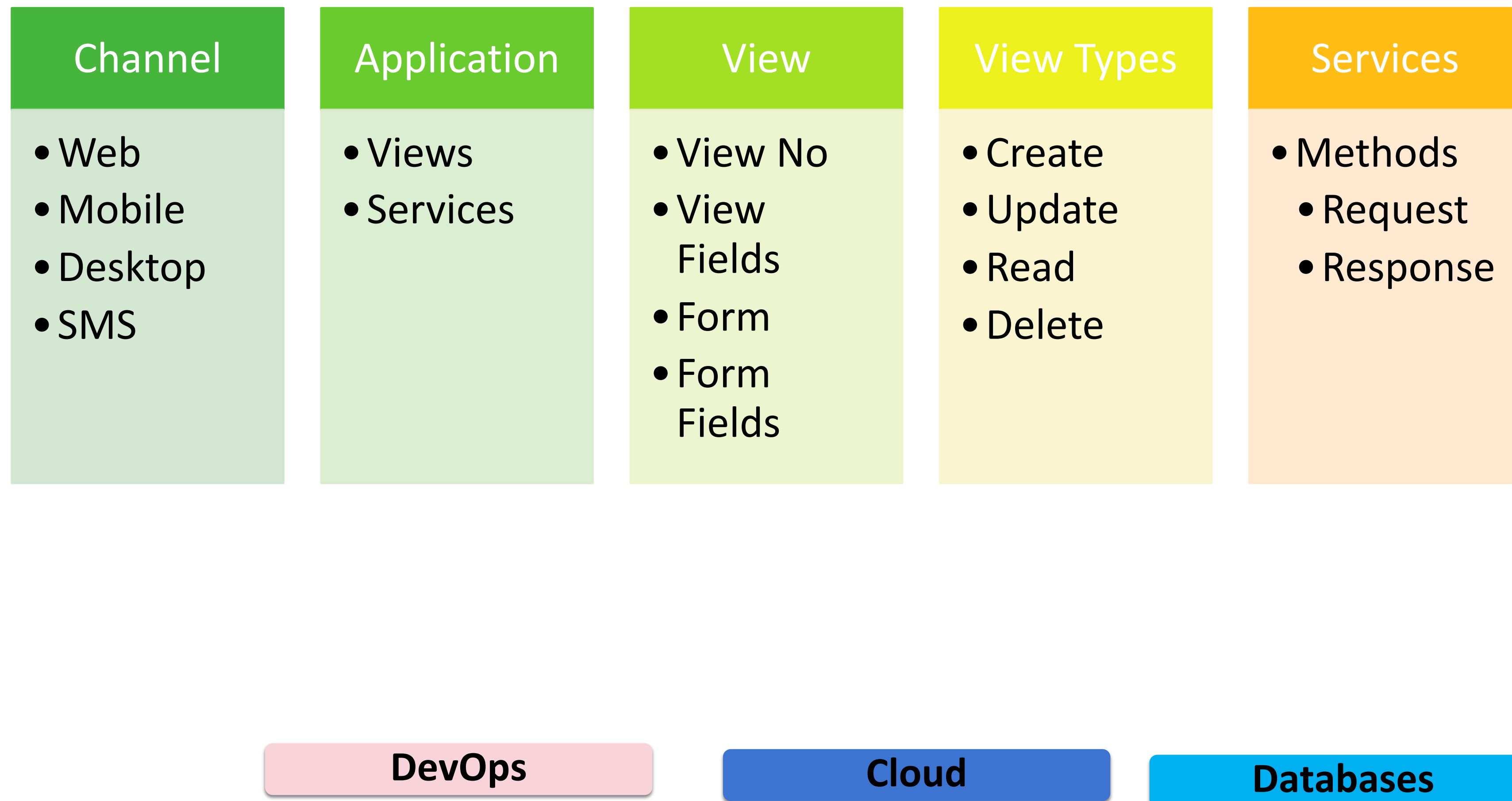
No Code Platform – UI/UX

UI Controls Bindings to Services and Data



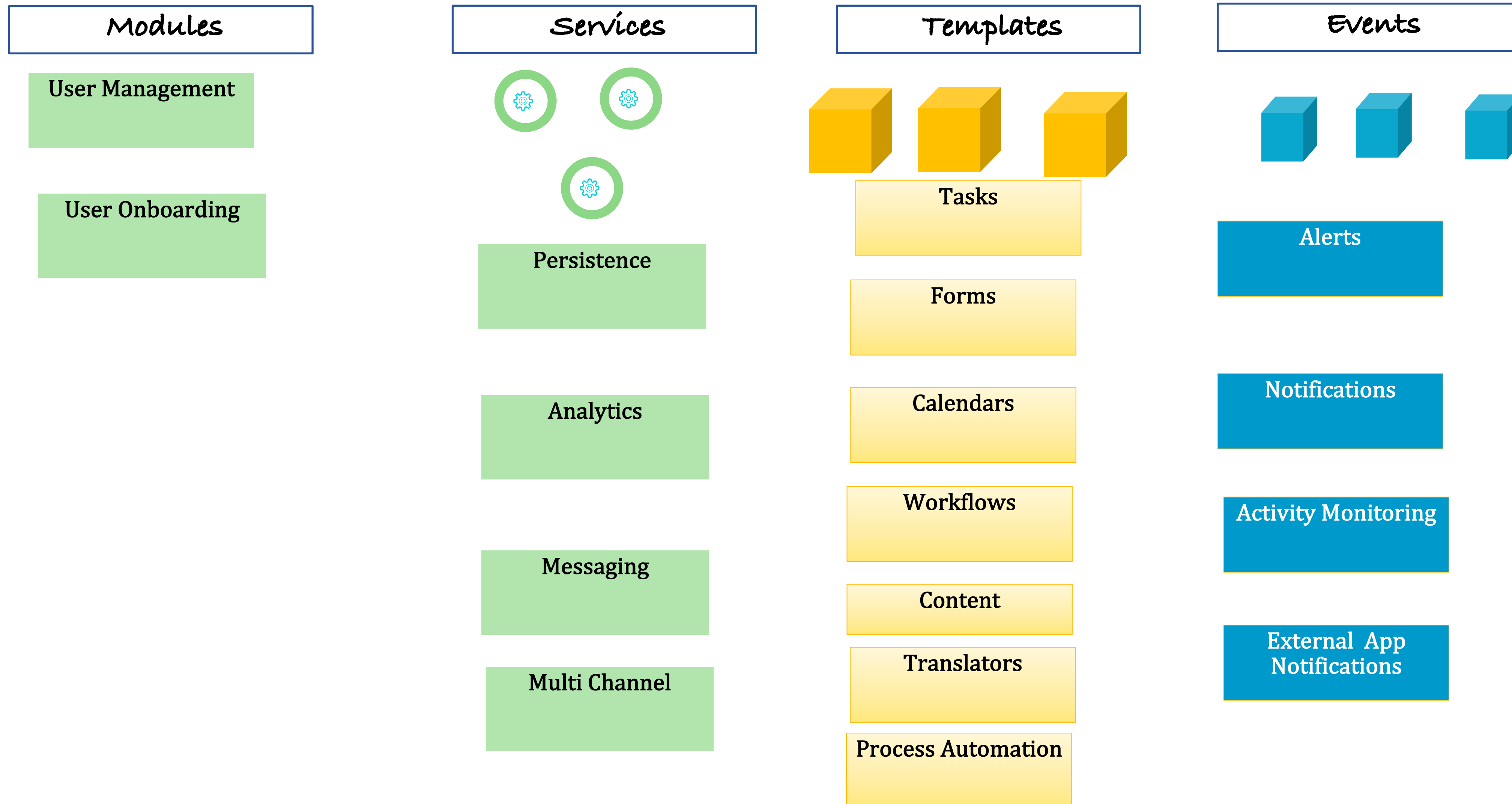
Neural Sketch Learning + Meta Data

Low Code Platform -> No Code Platform



No Code Platform : Application Architecture

Modules, Services – Microservices based Architecture



No Code Platform : Software as a Service

Features

Module
Management

Subscription
Management

Metering

Billing

Auditing

Calendar
Management

Document
Management

Configuration
Management

No Code Platform : Insurance Vertical

Module Management

Quote
Management

Policy Creation

Self Service

Payment
Processing

Claim
Processing

Billing
Management

Operations
Handling

Data
Management

Data
Reporting

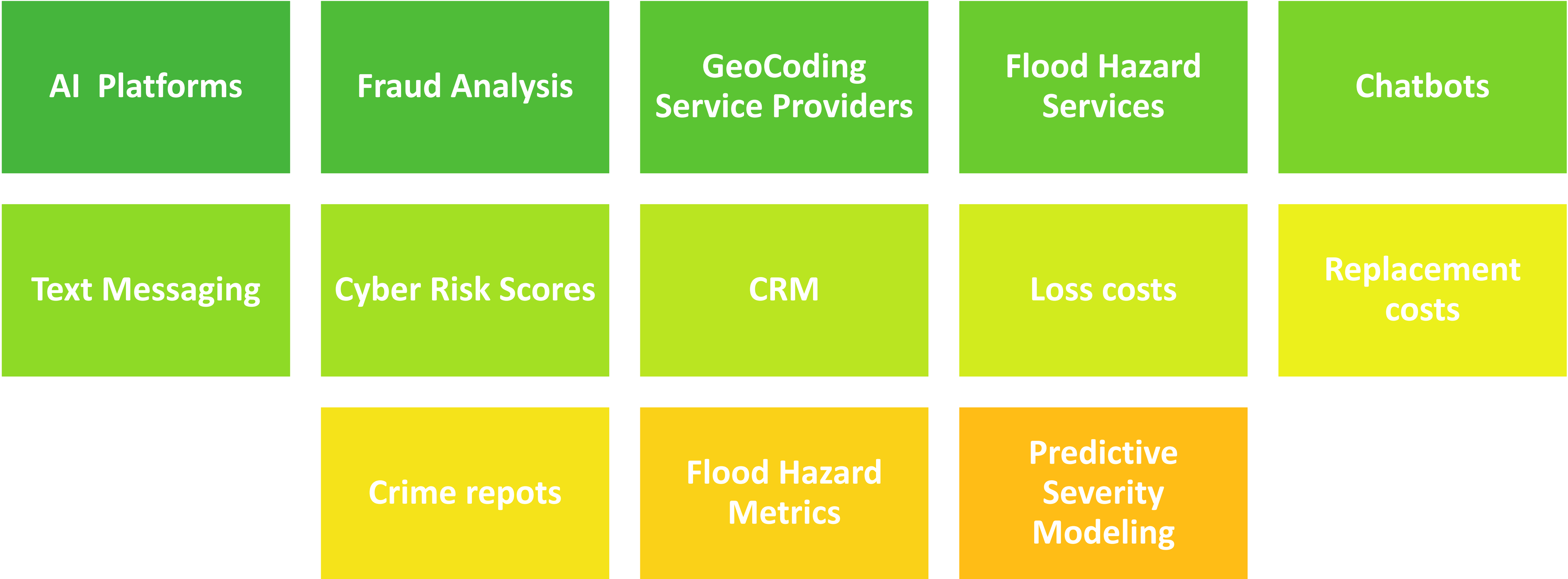
Commissions
Management

Authentication
&
Authorization

Roles
Management

No Code Platform : Insurance Vertical

Integrations



No Code Platform : Insurance Vertical

Studio Features

Process Design

Screen Design

Custom Widgets

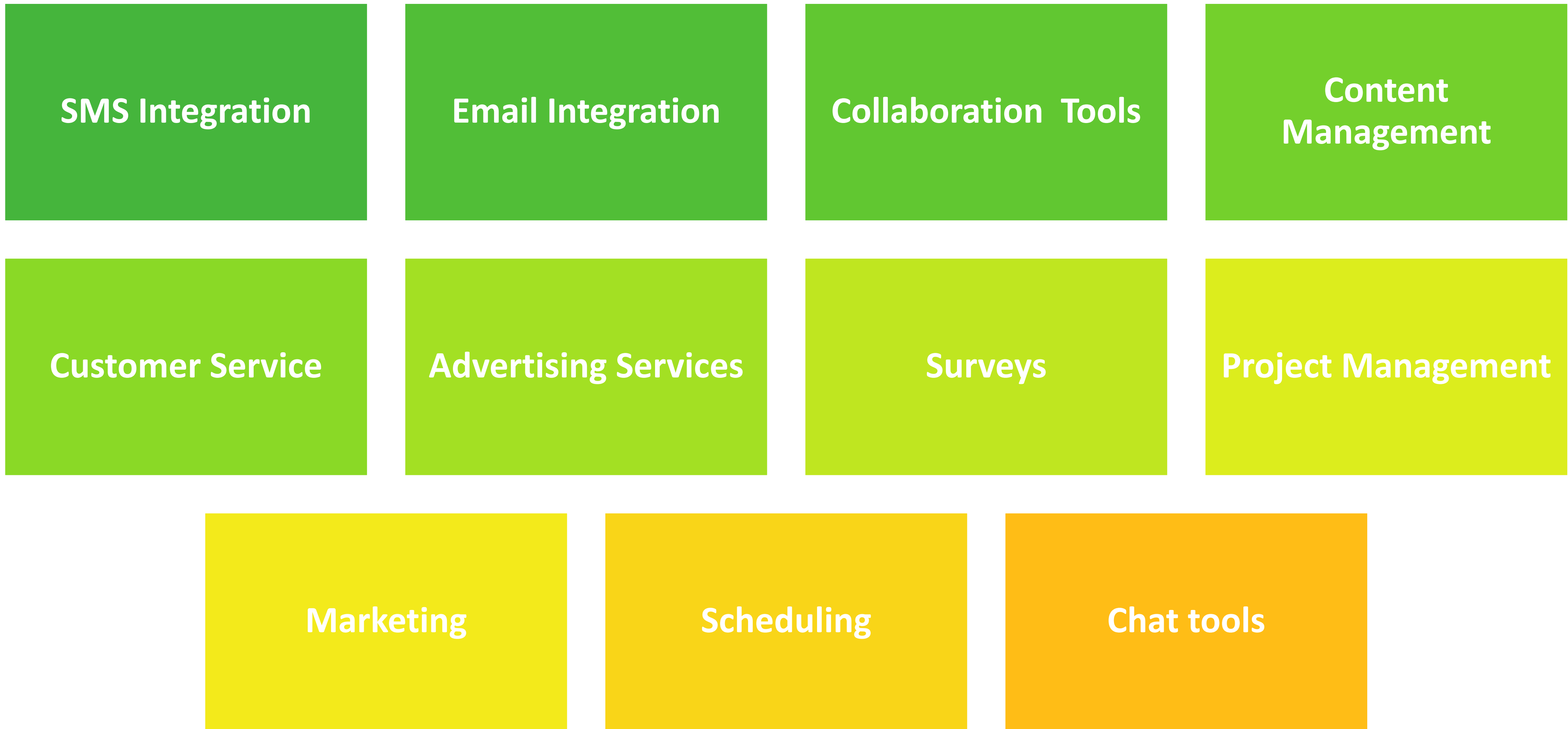
Custom Layouts

Custom Dashboards

Custom Search

No Code Platform : Insurance Vertical

Guided Workflows



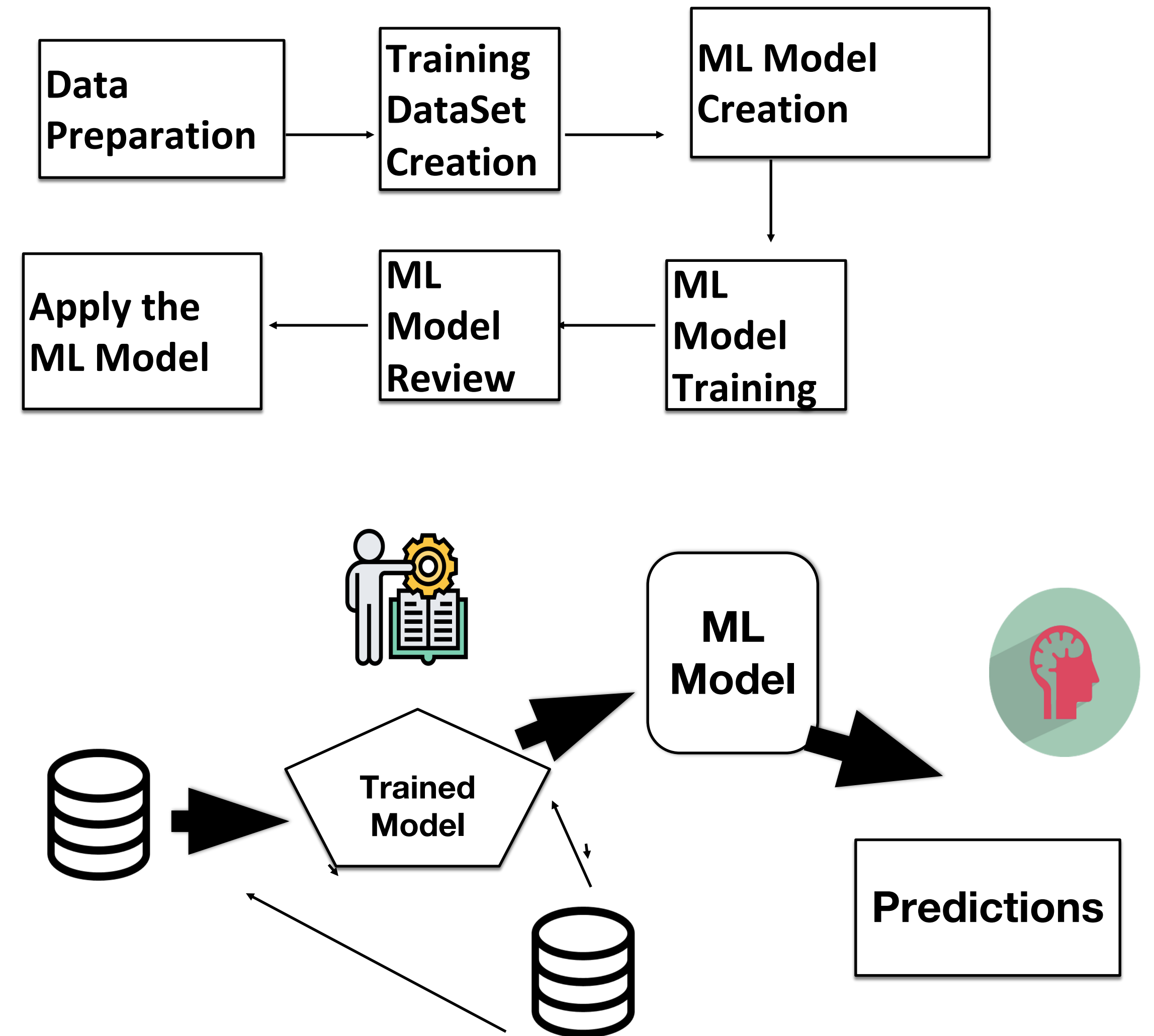
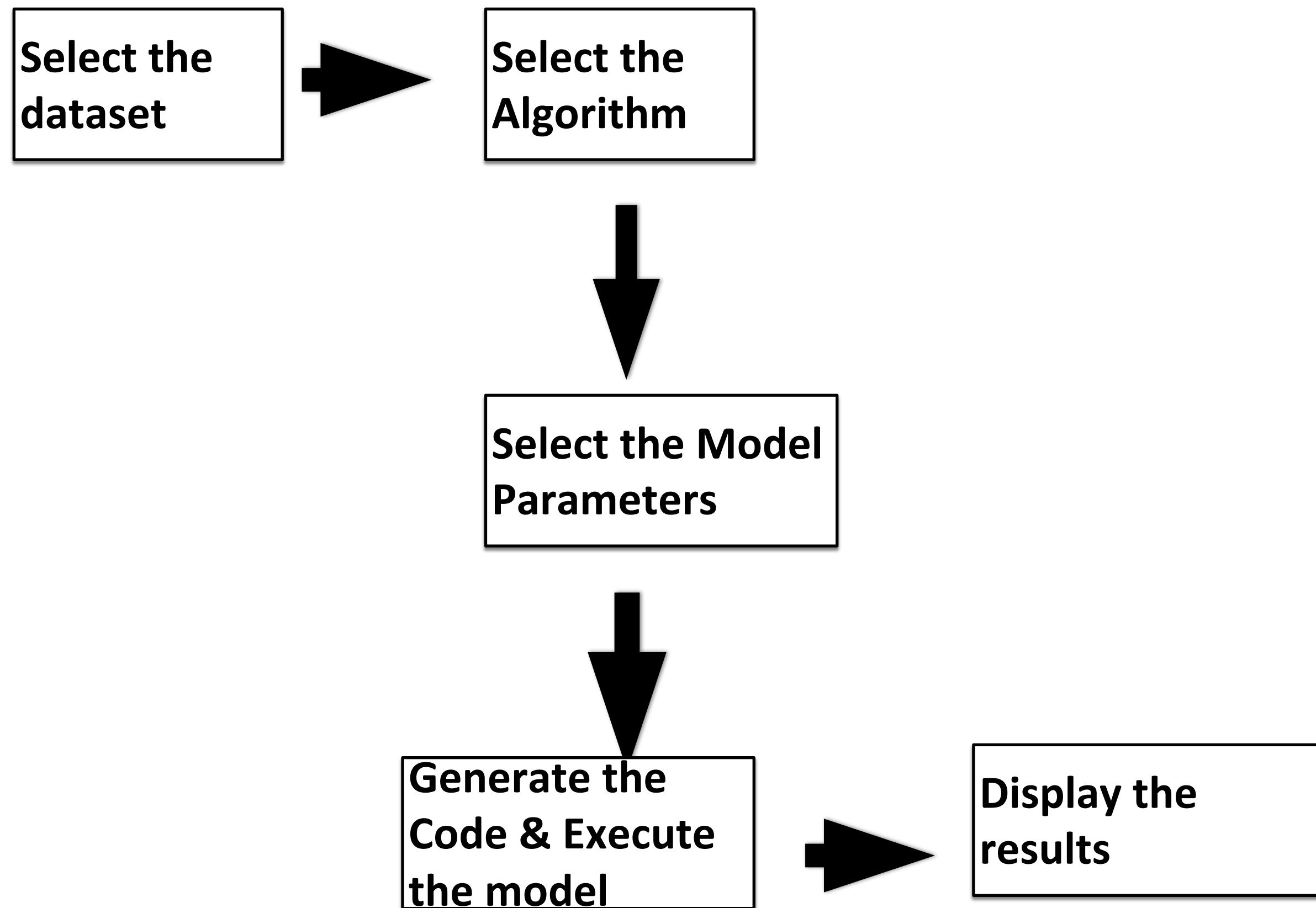
No Code *AI/ML* Platform

No Code AI/ML Platform

No Code

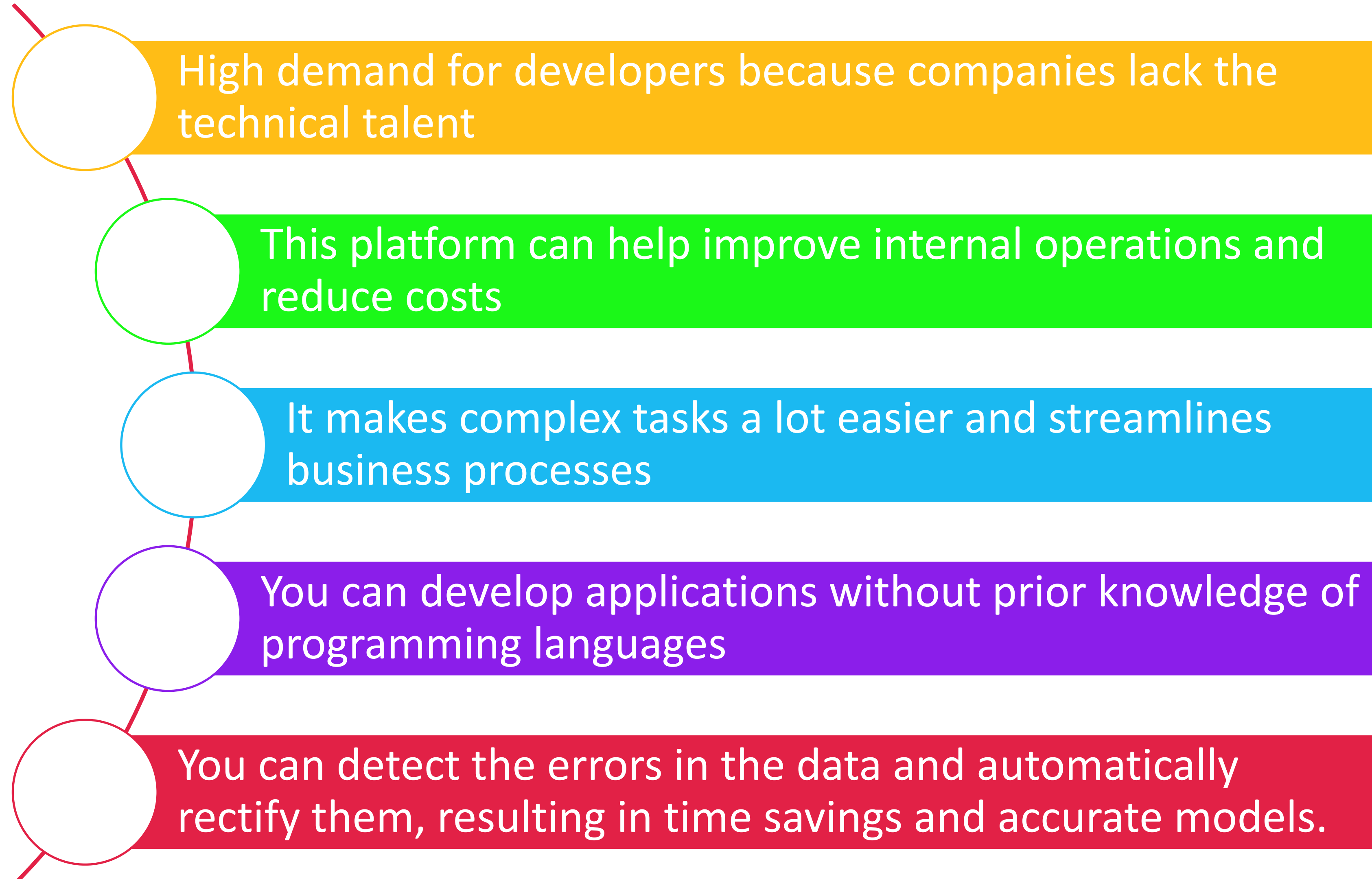
vs

Usual AI/ML Framework



No Code AI/ML Platform

Benefits



No Code AI/ML Platform

Use Cases

**analyse text
messages**

**classify
shipping
documents**

**categorize
social media
pictures**

**categorize
Instagram
pictures**

**check
onboarding
documents**

**categorize
startups by
description**

**filter startup
databases for
investment
decisions**

**categorizing
emails**

**tracking
keyword
engagement**

social listening

**categorizing
app crash
reports using
NLP**

**moderate
user-
generated
content**

**insurance
claims
identification**

**quality
inspection**

**auto-tagging
real estate
images,**

**tagging email
attachments**

**categorizing
support
tickets**

**analyze text
responses of
surveys**

**track social
sentiments**

**categorizing
SMS
responses**

**recognize
shipping
documents**

No Code AI/ML Platform

Features

Data Visualization

Data Analysis

Machine Learning Algorithms

Image Analysis

NLP & NLU

WebRTC API

Drawing API

Grids for tables

No Code AI/ML Platform – Data Visualization

Features

Charts

Tables

Graphs

Maps

Infographics

Dashboards

Demo – What's Next



Demo



No Code Platform : Getting Started

Questionnaire

What are your scalability requirements ?

What is your plan to include new use cases?

What is your current and future user base?

Is Scaling horizontally an option?

Do you plan to deploy your applications on the cloud ?

What is your technology stack ?

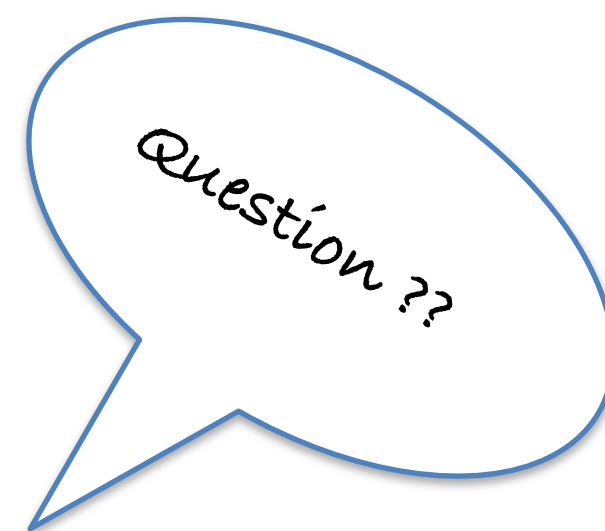
Do you have any compliance requirements ?

Is your platform microservices based ?

Does your platform support REST Services ?

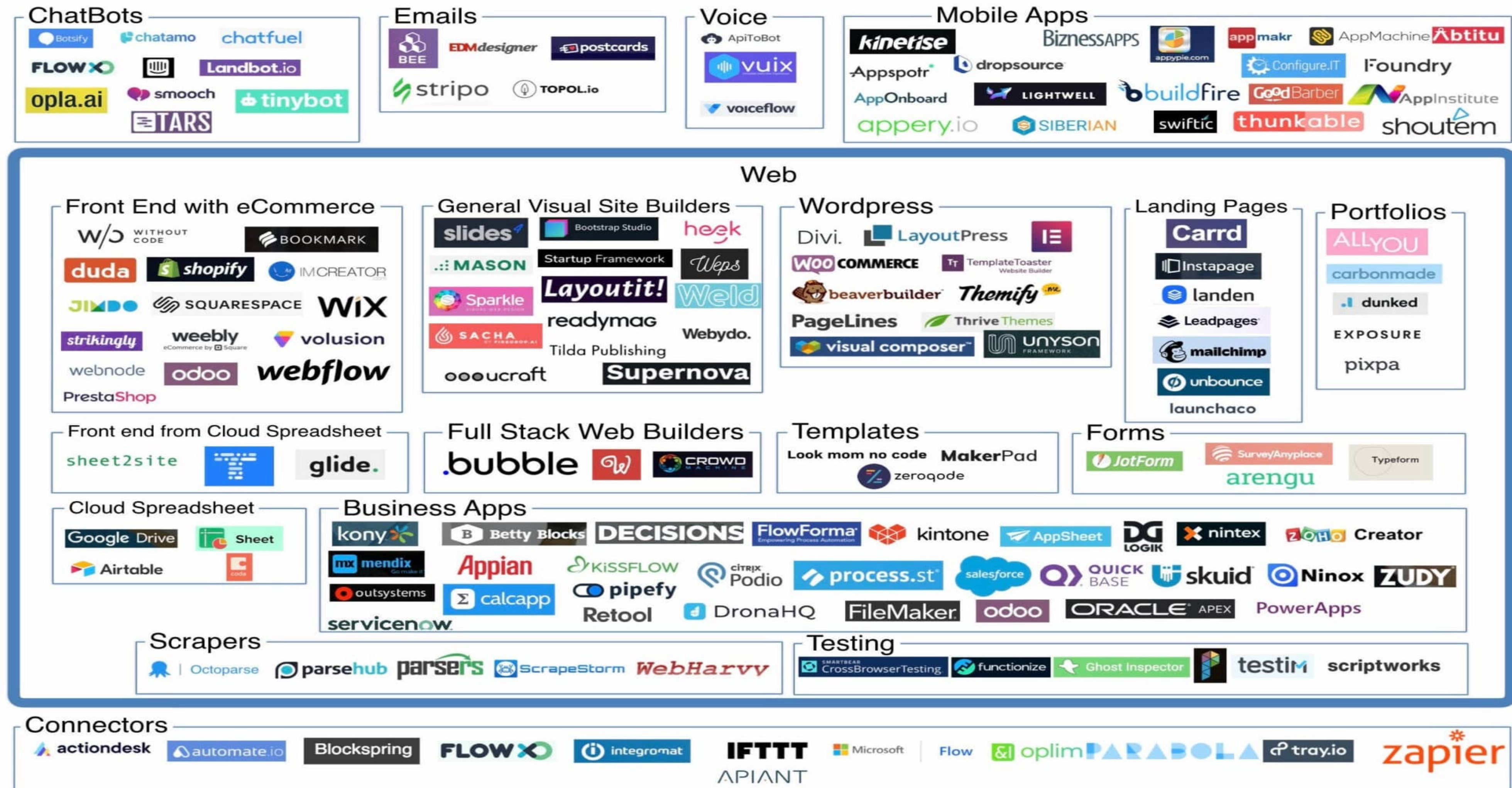
What is your budget and the pricing model supported by the no code platform ?

Who else is doing this ??



No Code Platforms Landscape

Commercial



Commercial



No Code Platforms Continued

Open Source

SEARCH:

Platform	Downloads/month*
Appsemble	N/A
Convertigo	1,149
Corteza	29
Crust	
Gramex	N/A
Joget	4,430
Mendix	N/A
N8N	N/A
OpenXava	2,858
OSBP	N/A
Rintagi	N/A
SaltCorn	N/A
Skyve	N/A
VisionX	N/A

Showing 1 to 14 of 14 entries

* Downloads on sourceforge in March 2021

No Code *AI/ML* Platform

Google Machine Learning

Google Cloud AutoML

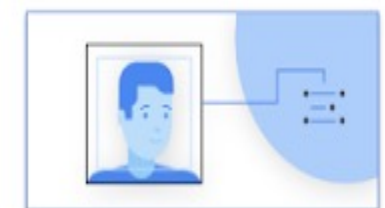
Vision



Text
recognition



Barcode
scanning



Face
detection

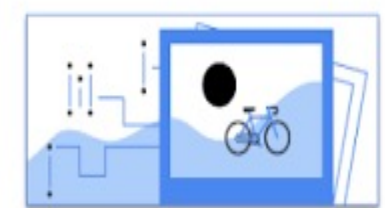
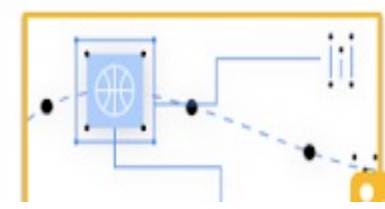


Image
labeling



Landmark
detection



Object
detection
and tracking

Natural Language



Language
Identification



Smart Reply



On-device
Translation

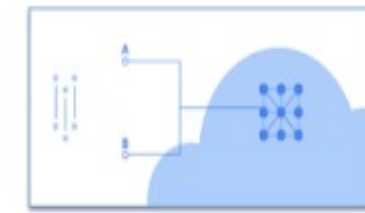
User Experience



MATERIAL DESIGN

Guidelines for using ML
Showcase App (source code)

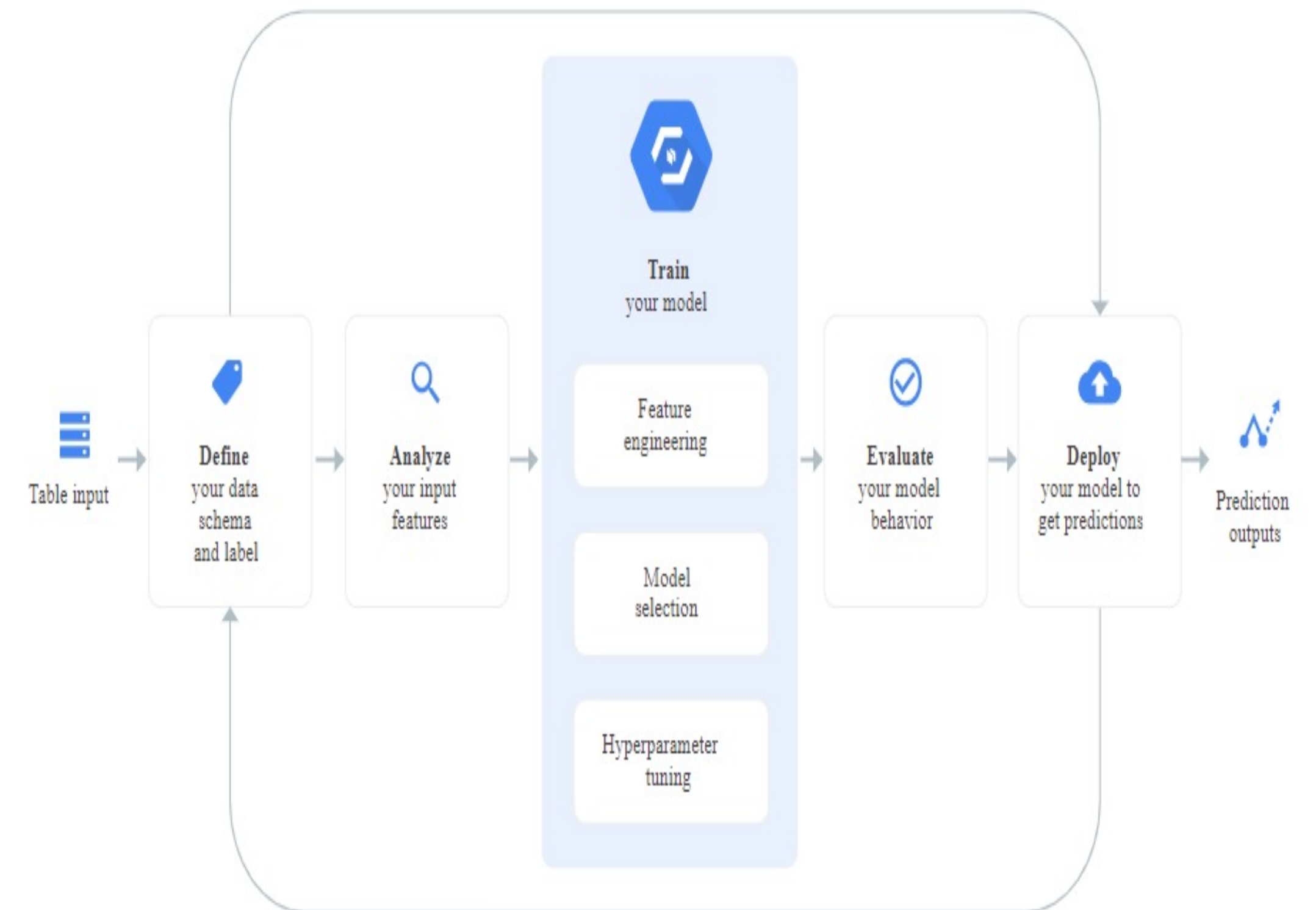
Custom



Model
Serving

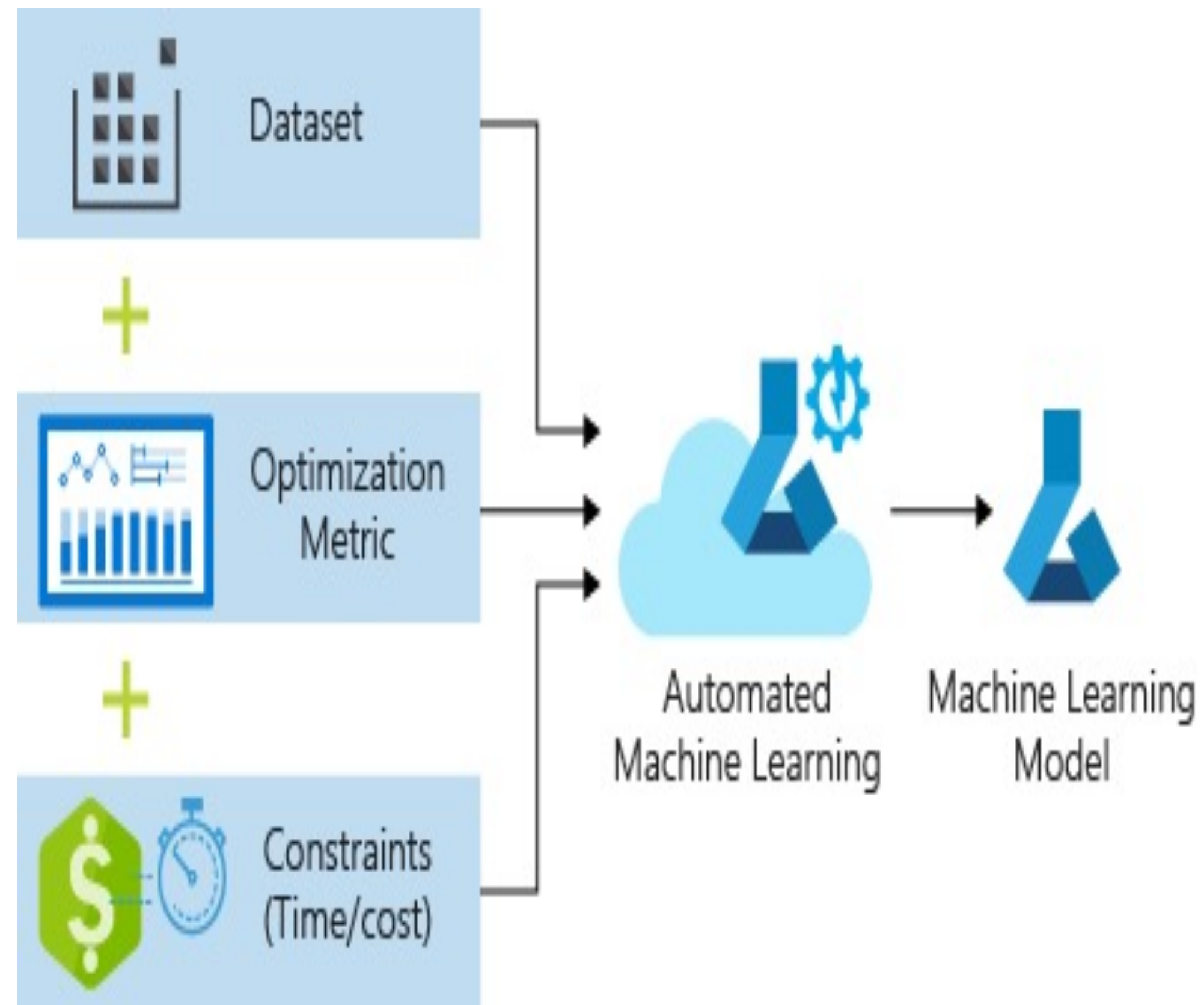


AutoML
Vision Edge



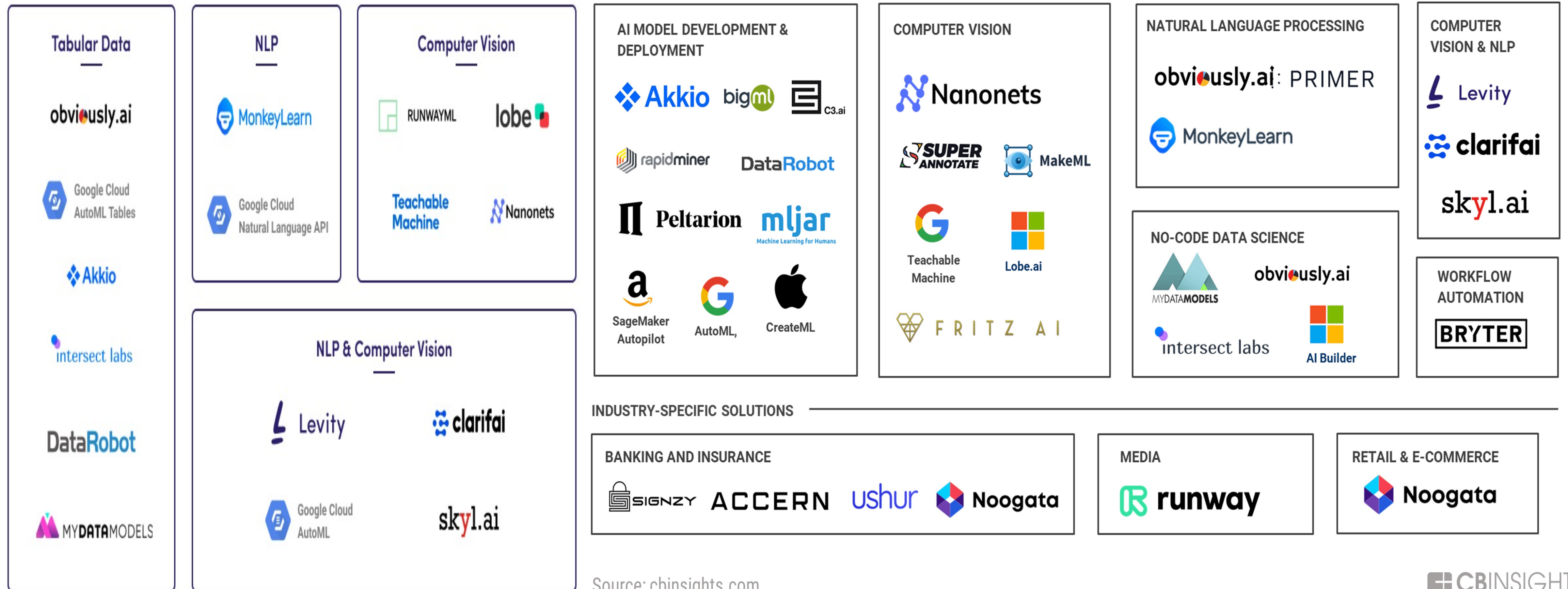
Microsoft Azure

Automated ML



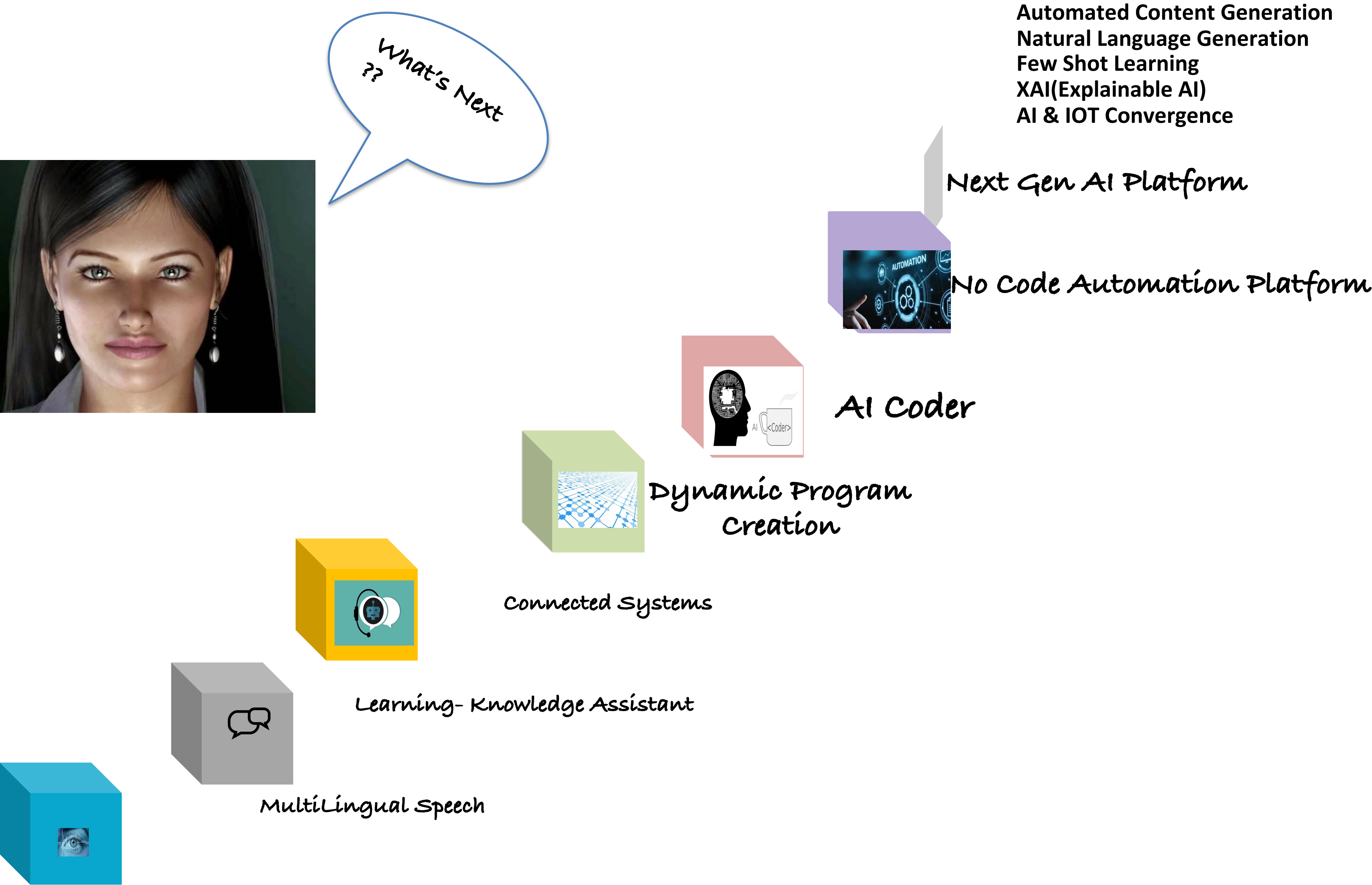
No Code AI/ML Platforms

Commercial



Source: cbinsights.com

What's in your RoadMap ??



Bhagvan Kommadi
bhagvanarch@gmail.com

THANK YOU!