



Club de
Investigación
Tecnológica

Desde 1988

Gobierno de Datos un enfoque accionable

Gobierno de Datos

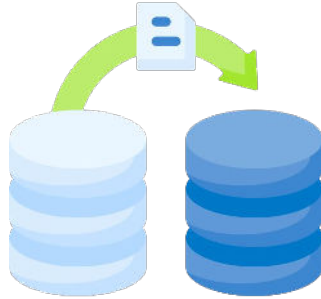
Es la gestión de la disponibilidad, integridad, usabilidad, acceso y seguridad de los datos utilizados en una empresa. Un buen programa de Data Governance incluye un órgano o consejo de gobierno, un conjunto de protocolos y controles definidos, y un modelo implantado.

“Gobierno de Datos es un modelo para el control, administración, así como la toma de decisiones y proviene de los procesos relacionados con la información, ejecutados de acuerdo con modelos acordados, que describen quién puede tomar qué acciones, con qué datos y cuándo, en qué situaciones, y utilizando qué métodos”

Los datos es el activo más importante de su organización



¿Cuándo y dónde una organización necesita Data Governance?



Data Migration



Calidad



Automatizar
Eficientar



Seguridad

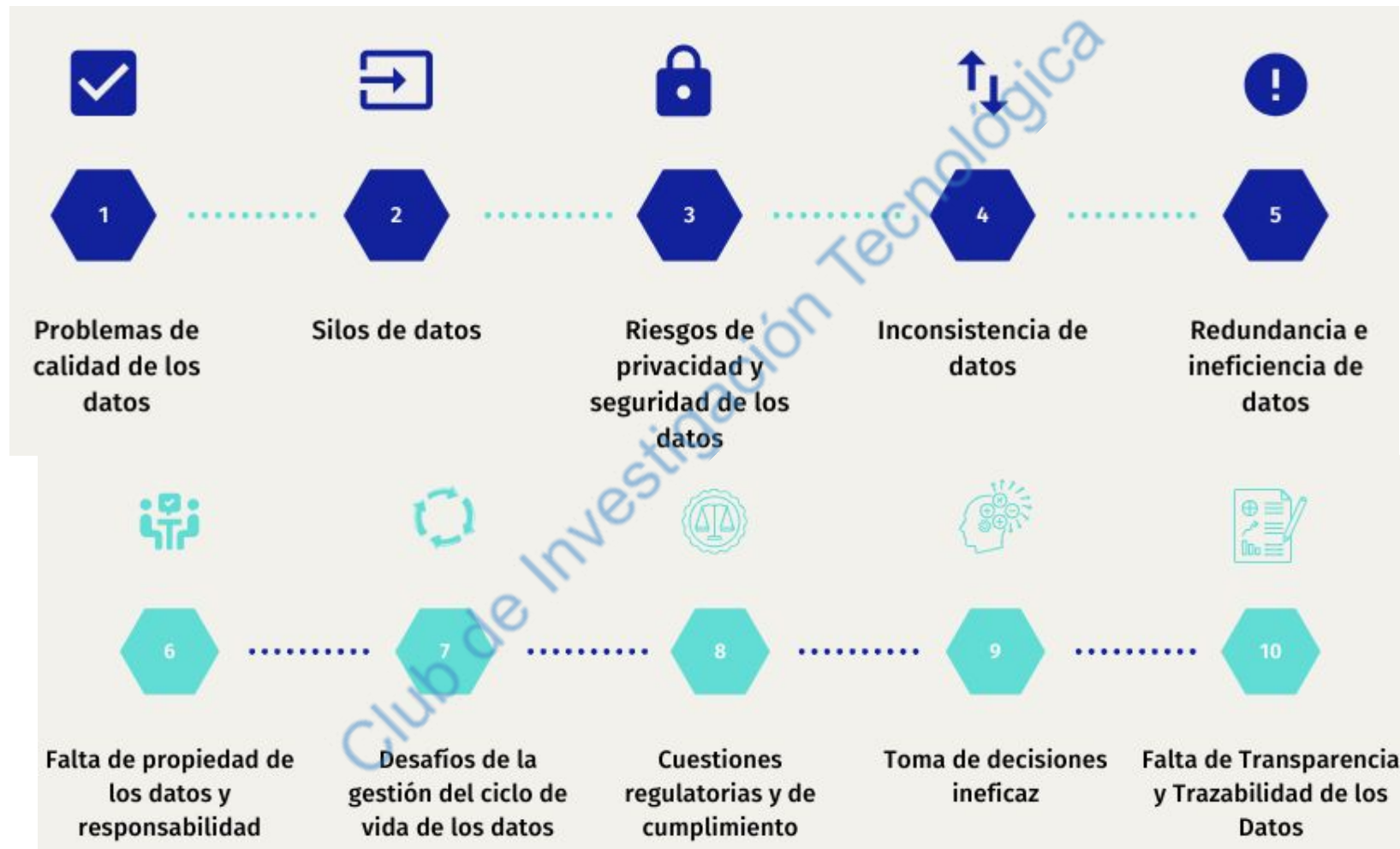


Cumplimiento



Consumidores

Retos actuales relacionados a la falta de gobierno de datos

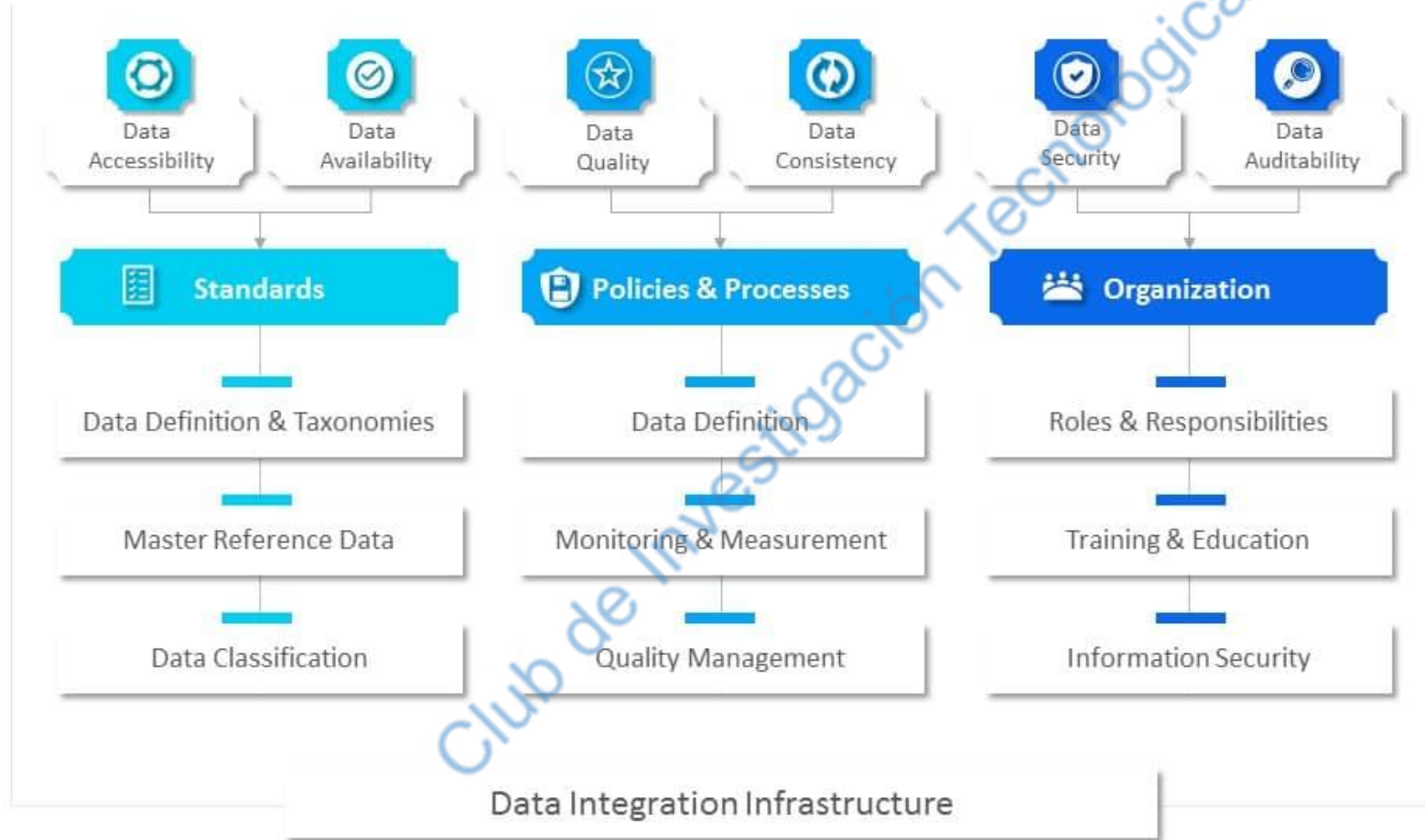


Gobierno de Datos

Club de Investigación Tecnológica



Modelo de Gobierno de Datos

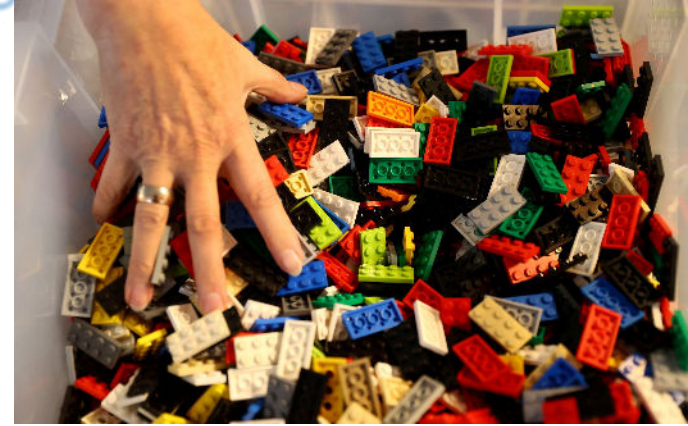
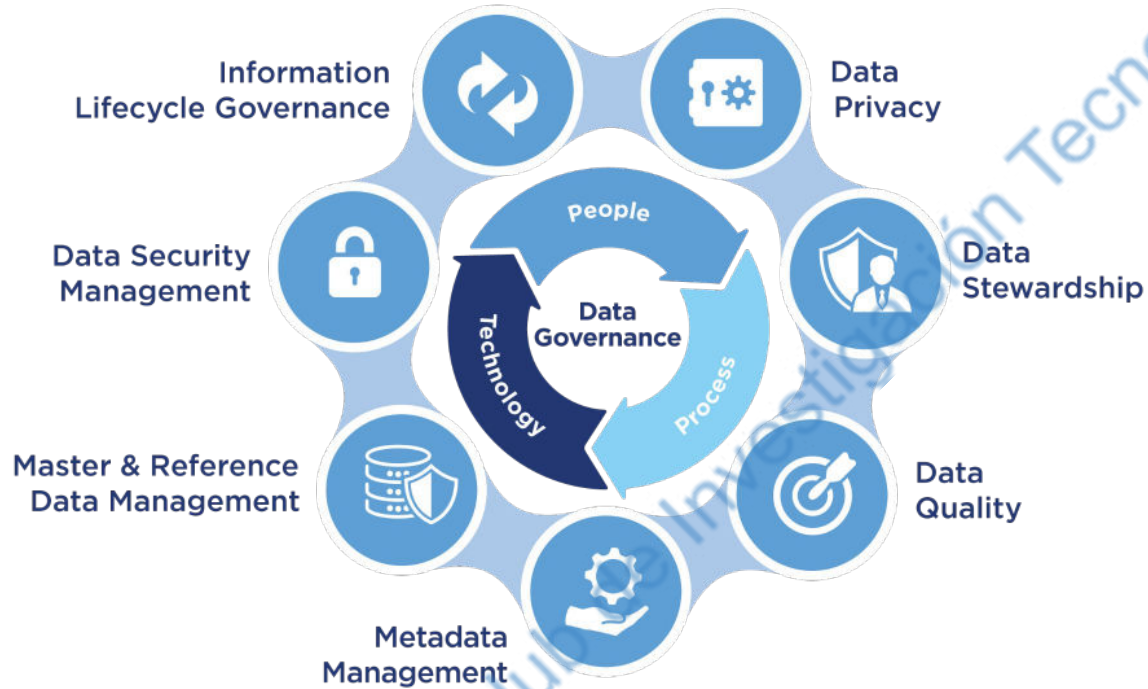


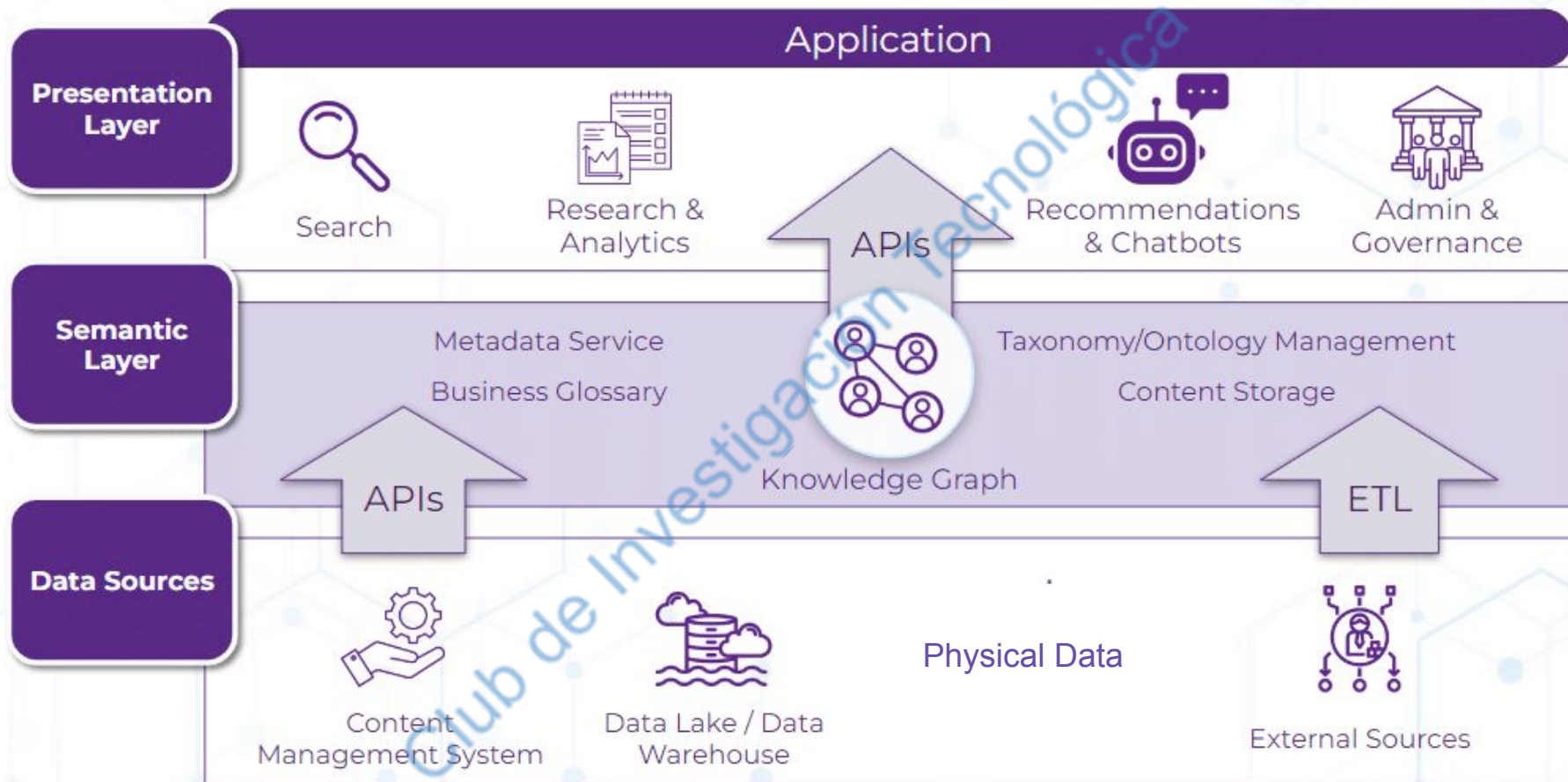


Flujos de trabajo dentro del Modelo de Gobierno de Datos

¿Por dónde empezar?

Gobierno de Datos





Mapa de Ruta

Club de Investigación Tecnológica



Metodología

Etapas de Implementación

Diagnóstico/
Assessment

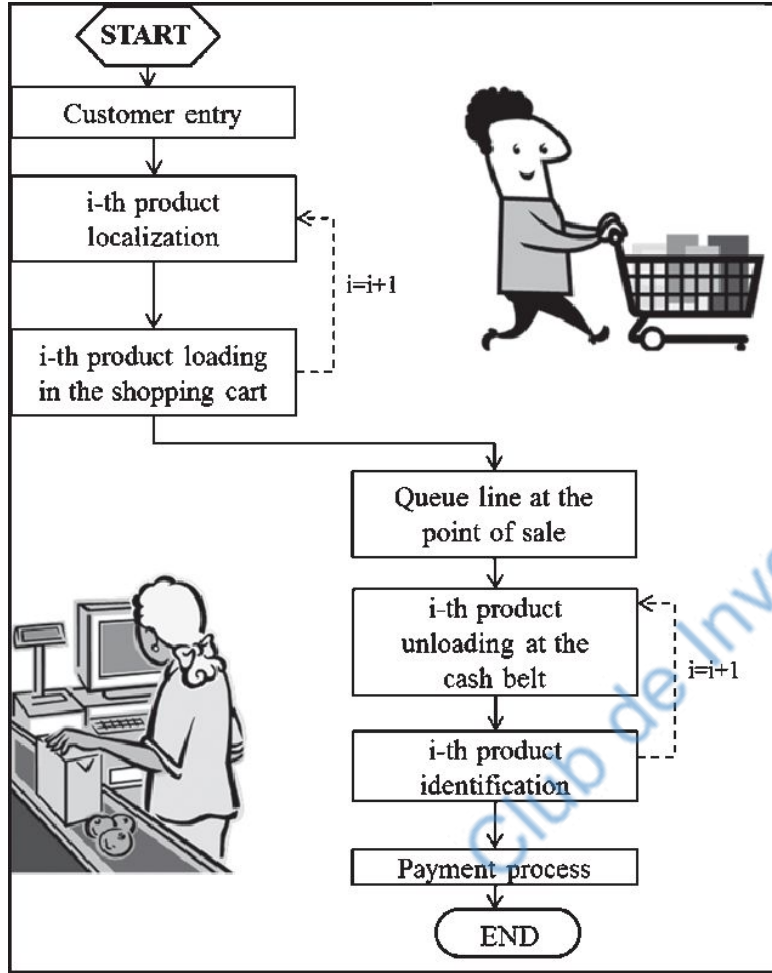
Capacitación

Liberación

Mapa de Ruta



Ciclo de vida de los Datos



Operación o conjunto de operaciones relacionadas a la vida del dato.

Recogida

Procesamiento

Conservación

Consulta

Supresión

Consultas

Bloqueo

Modificación

Cancelación

Utilización

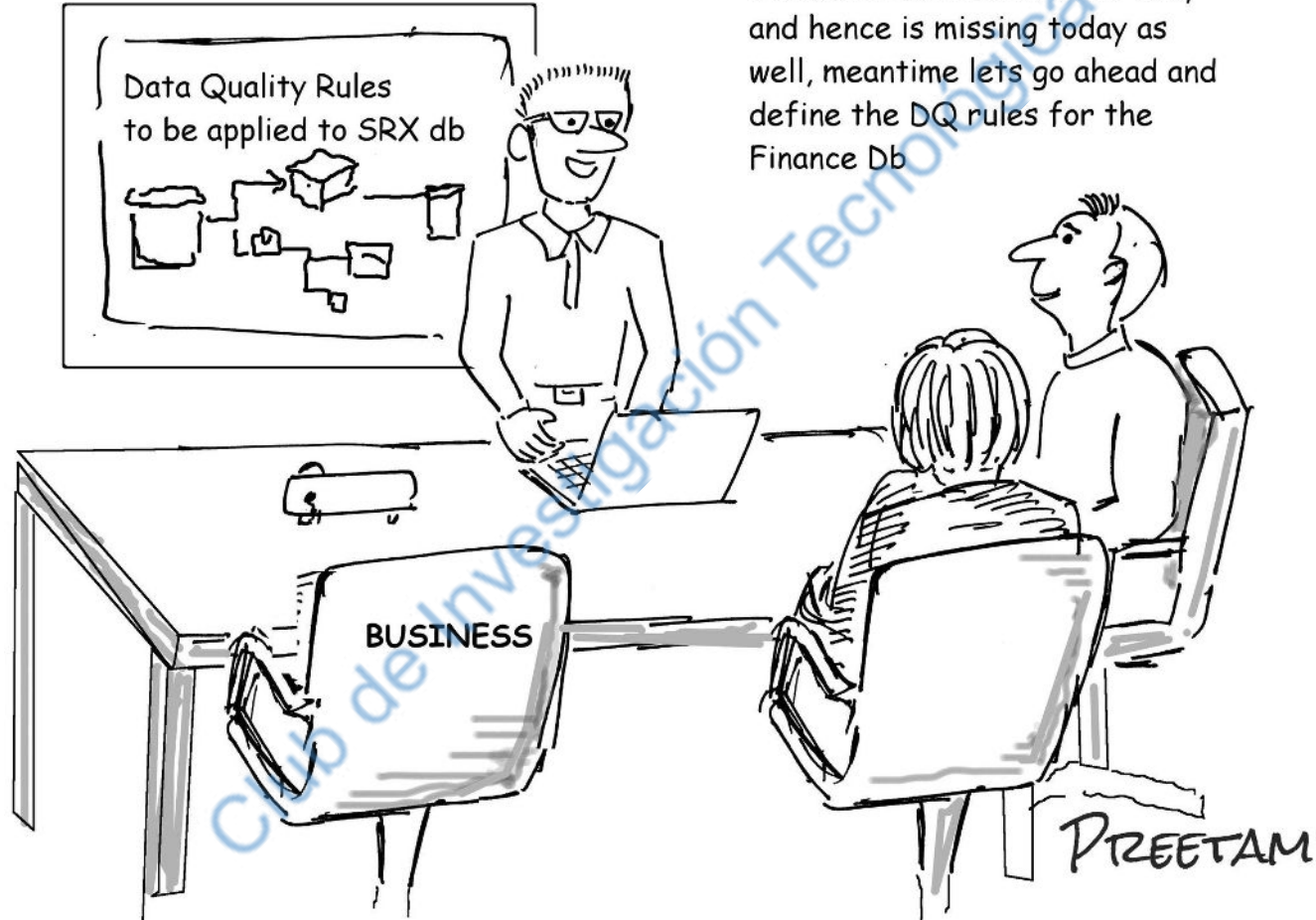
Valoración

así como las cesiones de datos que resulten de

Interconexiones

Comunicaciones

Transferencias nacionales e internacionales de datos personales.



Business team seems to be busy
and hence is missing today as
well, meantime let's go ahead and
define the DQ rules for the
Finance Db

Ciclo de vida de los Datos

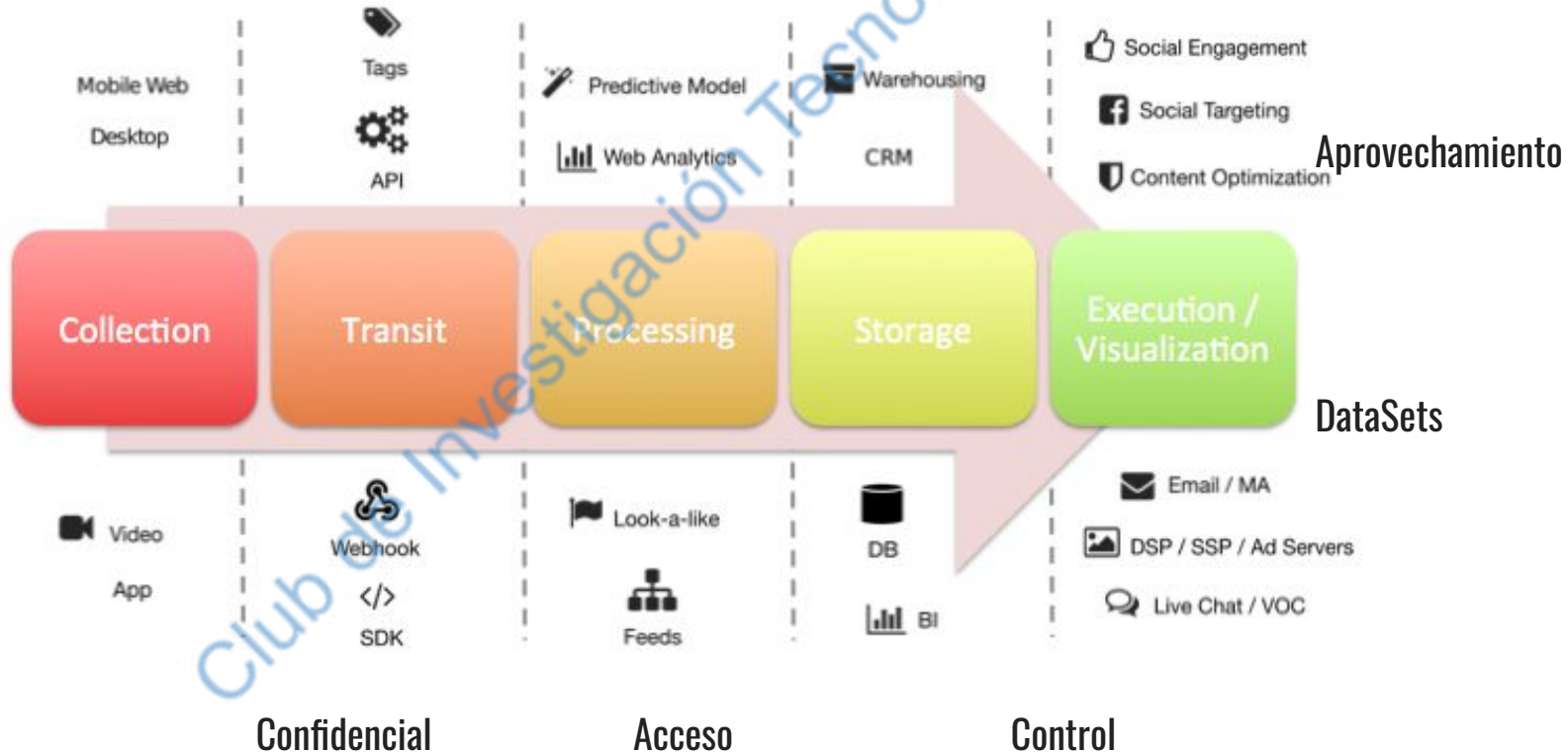
DESCUBRIR
(Fuentes de Información)

VIRTUALIZAR

GOBIERNA

MEJORA
(data Fabric)

CONSULTA
(Consumidores)



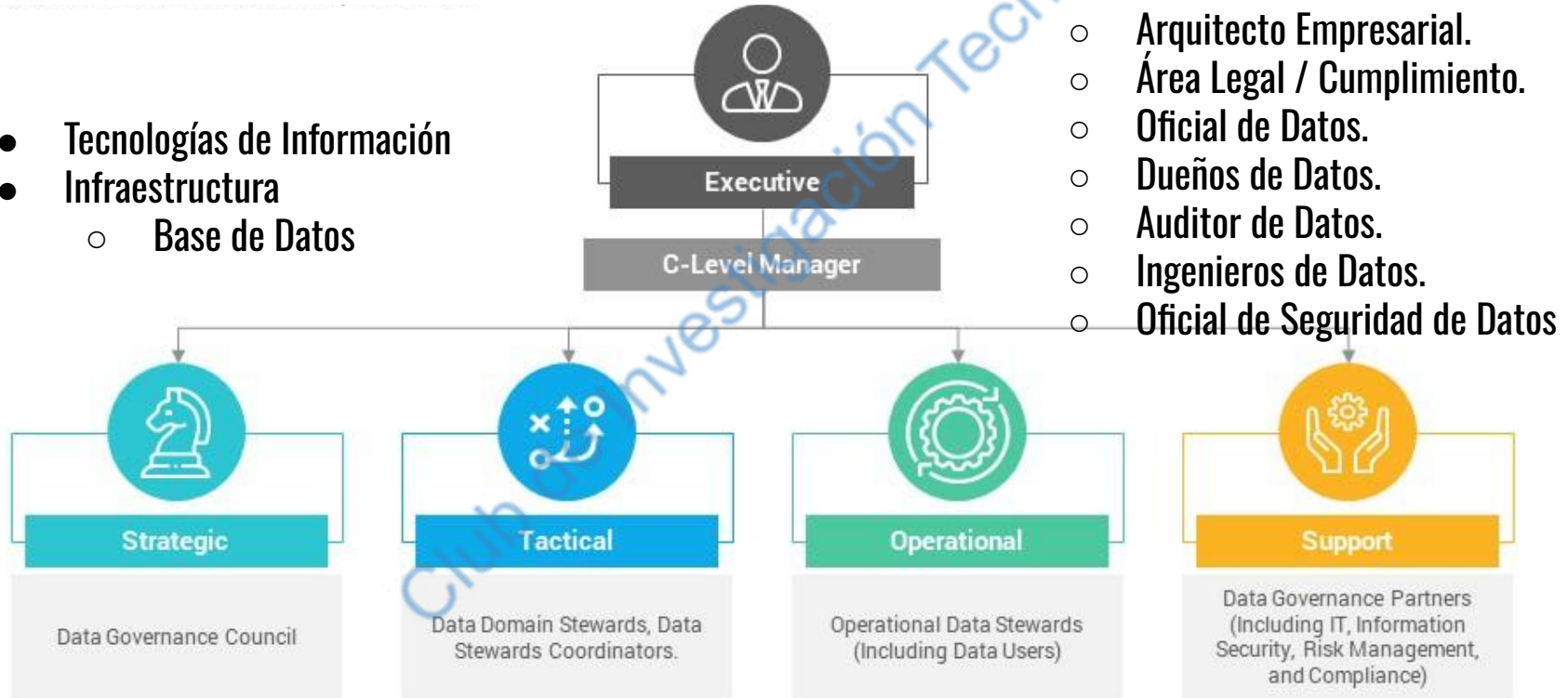
GOBIERNO DE DATOS

Club de Investigación Tecnológica



Roles y estructura de Gobierno de Datos

- Tecnologías de Información
- Infraestructura
 - Base de Datos



Data Governance

Who:

- 7 Data Stakeholders
- 8 Data Governance Offices (DGO)
- 9 Data Stewards

Rules & Rules of Engagement

Why:

- 1 Mission
- To Achieve

What:

- 2 Focus Areas
 - Goals
 - Metrics/Success Measures
 - Funding
- 3 Data Rules and Definitions

How:

- 4 Decision Rights
- 5 Accountabilities
- 6 Control Mechanisms

Processes

When:

- 1 Develop a value statement
- 2 Prepare a Roadmap
- 3 Plan and Fund
- 4 Design the Program
- 5 Deploy the Program
- 6 Govern the Data
- 7 Monitor, Measure, Report

Data Governance Processes (10)

Business / IT Processes That Touch Data

Management

Secuencia y flujos de trabajo en el Gobierno de Datos

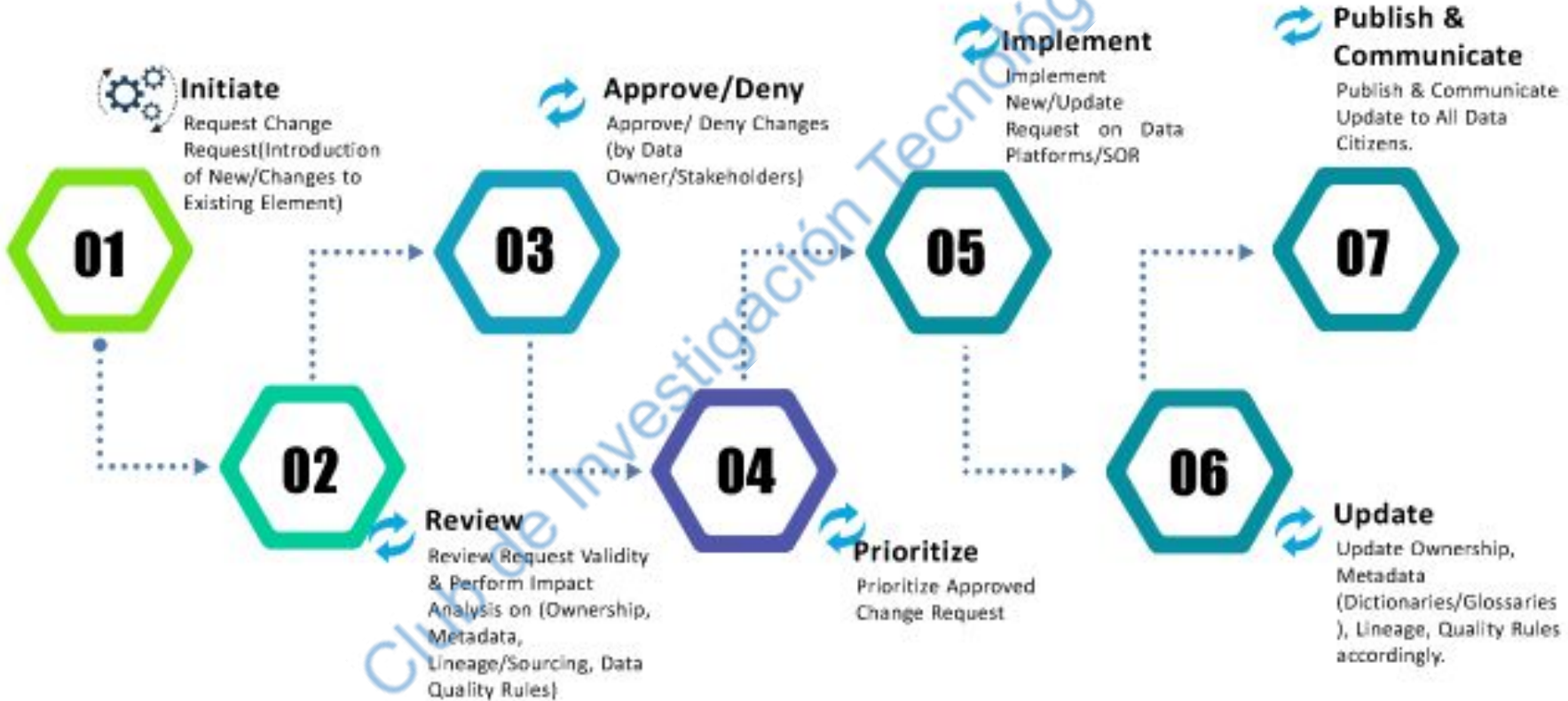
Data Governance is the exercise of decision making and authority for data-related matters.

It's a system of decision rights and accountabilities for information-related processes, executed according to agreed upon models which describe who can take what actions with what information and under what circumstances, using what methods.

Processes for governing how data is used, and when, and by whom

1. Aligning Policies, Requirements & Controls
2. Establishing Decision Rights
3. Establishing Accountability
4. Performing Stewardship
5. Managing Change
6. Defining Data
7. Issue Resolution
8. Specifying Data Quality Requirements
9. Building Governance into Technology
10. Stakeholder Care and Support
11. Stakeholder Communications
12. Measuring and Reporting Value

Gestión del Cambio en el Gobierno de Datos



Modelo de Madurez de Gobierno de Datos

Data Modeling Assessment – Levels Definition

	Level 1	Level 2	Level 3	Level 4	Level 5
	Data Modeling is not defined or implemented	A Data Modeling approach is no decided on	Data Modeling is defined and models implemented	Partial maturity of Data Modeling implementation	Fully Mature Data modeling with continuous improvement
Technology	No data modeling technology exists	Generic technologies used to document some data models.	Data Modeling technologies are selected and introduced.	Data Modeling technologies are partially in use, with migration efforts to have all models documented and versioned.	Data Modeling technologies are fully implemented and utilized.
People	Roles and responsibilities for defining the data models are not clear	Roles and responsibilities for defining the data models are not clear.	Some data roles within silos are assigned to define data models.	Data roles are more clearly defined with increased collaboration across silos.	Data roles and responsibilities are fully defined, and roles are in place. Teams are well-coordinated, with a clear understanding of their roles in data governance.
Processes	Processes are not defined	Some processes exist but are not officially reviewed running within silos.	Processes for some data models are introduced.	Processes for data modeling are established and communicated across the organization.	Processes are clearly defined, adopted, and tracked with mechanisms for regular reviews and improvement.
Standards	Standards are not defined and discussions are not initiated	Preliminary discussions, but no specific data modeling standards or methodologies are decided on	The data modeling approach is decided on, but no standards are enforced	Initial standards for data modeling are in place and being adopted, with efforts to ensure compliance and alignment.	Standards for data modeling are enforced and monitored.

Casos de Uso ...

- **Banca**

- App Móvil

- **Retail**

- Migraciones a nuevos ERP

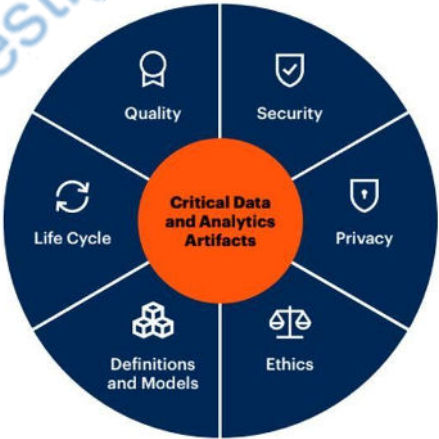
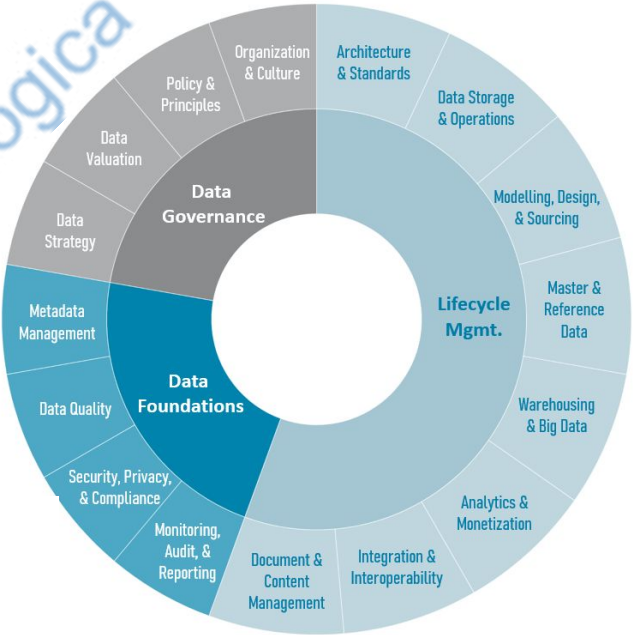
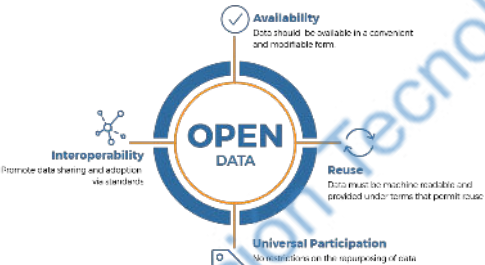
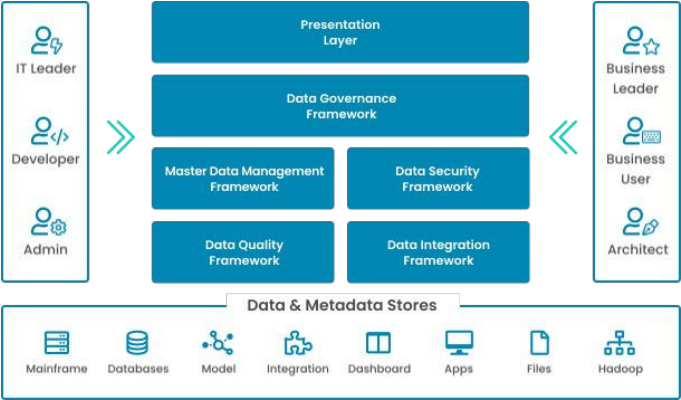
- **Gobierno**

- Open Data

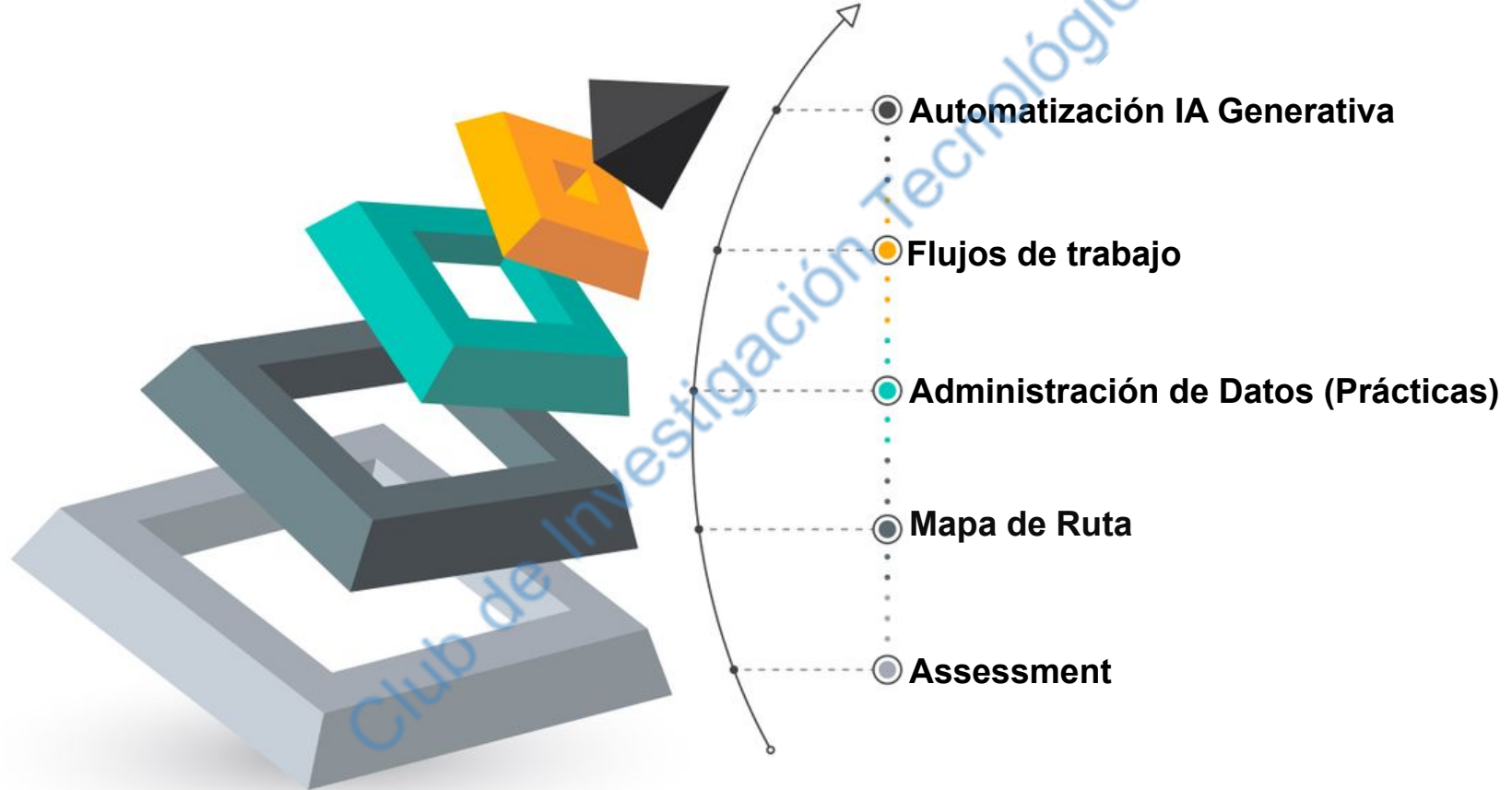
- **Salud**

- Errores en expedientes

Marcos de Referencia



Metodología Propuesta





Club de
Investigación
Tecnológica

Desde 1988

¡GRACIAS!

Narcizo Valdés Morales

Consulting Manager

Móvil. +52 1 3331280513

nvaldes@inet-academy.com

<https://www.linkedin.com/in/narcizo-valdes-7334275/>