



Google Cloud Cloud Digital Leader

[Innovando con la Inteligencia Artificial de Google Cloud]



<https://www.linkedin.com/in/nicolepainem/>



Nicole Paine Mansilla · 1st

Abogada | Tecnología y Regulación | LegalTech | Google WTM
Ambassador | Datos Personales | Ciberseguridad.

Santiago, Santiago Metropolitan Region, Chile



Pontificia Universidad
Católica de Chile



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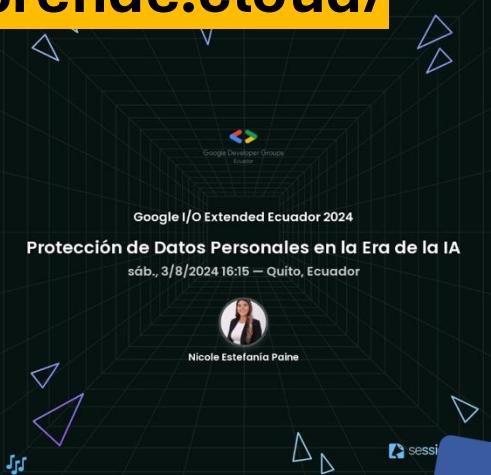
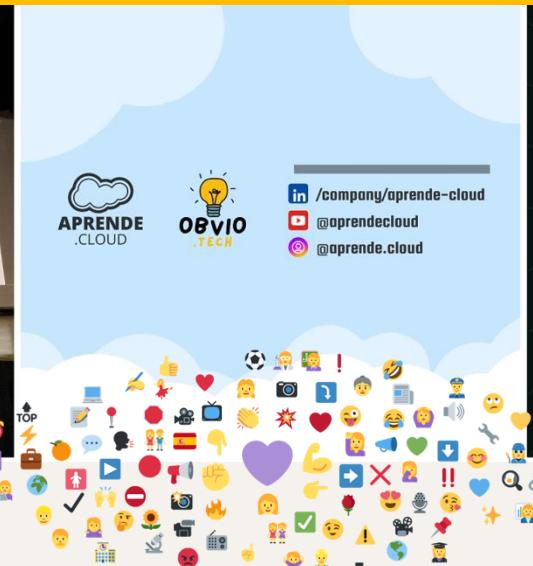
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Nicole Paine Mansilla

nicole@obvio.tech

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[1.01.001] Google Cloud Digital Leader - Cómo Convertirse en ...

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[1.01.001] Google Cloud Digital Leader - Cómo Convertirse en un Cloud Digital Leader

Anfitriona: Nicole Paine Mansilla

LinkedIn.com/in/nicolepainen/

MÁS INFORMACIÓN

Playlists creadas

[1.01.000] Google Cloud Digital Leader - Lista de Reproducción

Público · Playlist · Se actualizó hace 6 días

[1.01.001] Google Cloud Digital Leader - Cómo Convertirse en un Cloud Digital Leader (Video) · 1:10:52

[1.01.002] Google Cloud Digital Leader - Transformación Digital con Google Cloud (Video) · 2:11:52

VER PLAYLIST COMPLETA

Material del programa:

- Información General del Examen (Español):**

<https://cloud.google.com/learn/certification/cloud-digital-leader>

- Guía de temas para preparar el Examen (Español):**

<https://cloud.google.com/learn/certification/guides/cloud-digital-leader?hl=es-419>

- Curso de Preparación desde CloudSkillsBoost.Google (English):**

<https://www.cloudskillsboost.google/parts/9?hl=es-419>

- Curso de Preparación desde Aprende.Cloud (Español):**

Clases en vivo los sábados y acceso privado al curso en **Google Classroom**

<https://classroom.google.com/c/NzAxMDAxNTgwMzA0?cjc=abknrmt>

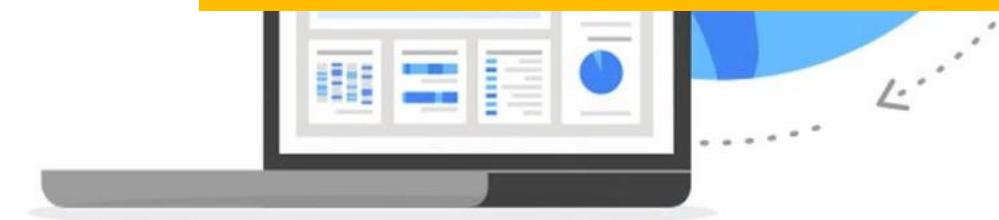
- Examen de Ejemplo (English):**

<https://docs.google.com/forms/d/e/1FAIpQLSc4Emr0lwIEEE5kliPif9O9JctGwnYvPNUPoqViZDm9wH72ug/viewform>

- Examen de Practica (Español):**

Se liberará el acceso en la última sesión.

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Google I/O



<https://www.linkedin.com/in/nicolaslecaros/>



Nicolás Lecaros Marchant

   Principal Data Architect | Cloud Solution Architect | Professor
| Entrepreneur | AI/ML/GenAI | AWS Community Builder | Google
Cloud Champion Innovator | GDG Organizer | Certified in AWS, Azure,
GCP and FinOps

Santiago, Santiago Metropolitan Region, Chile



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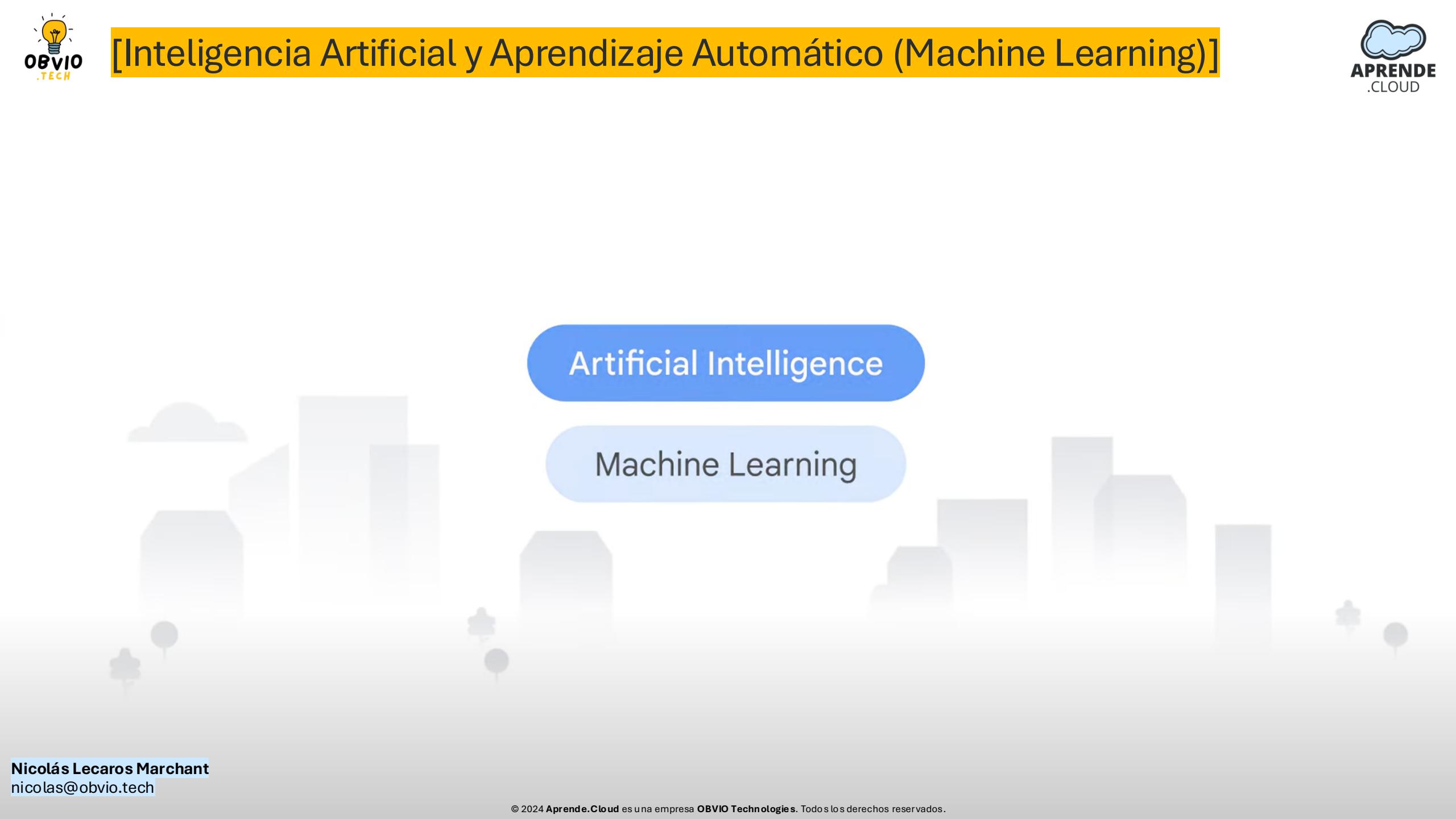
Structured

Unstructured



Podemos clasificar los datos en dos tipos principales:

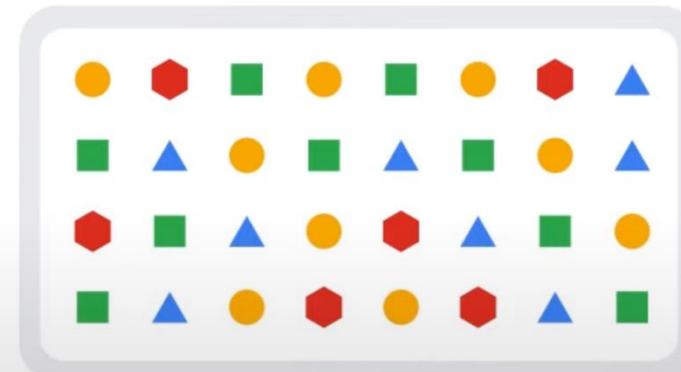
- 1. Estructurados**
- 2. No estructurados**

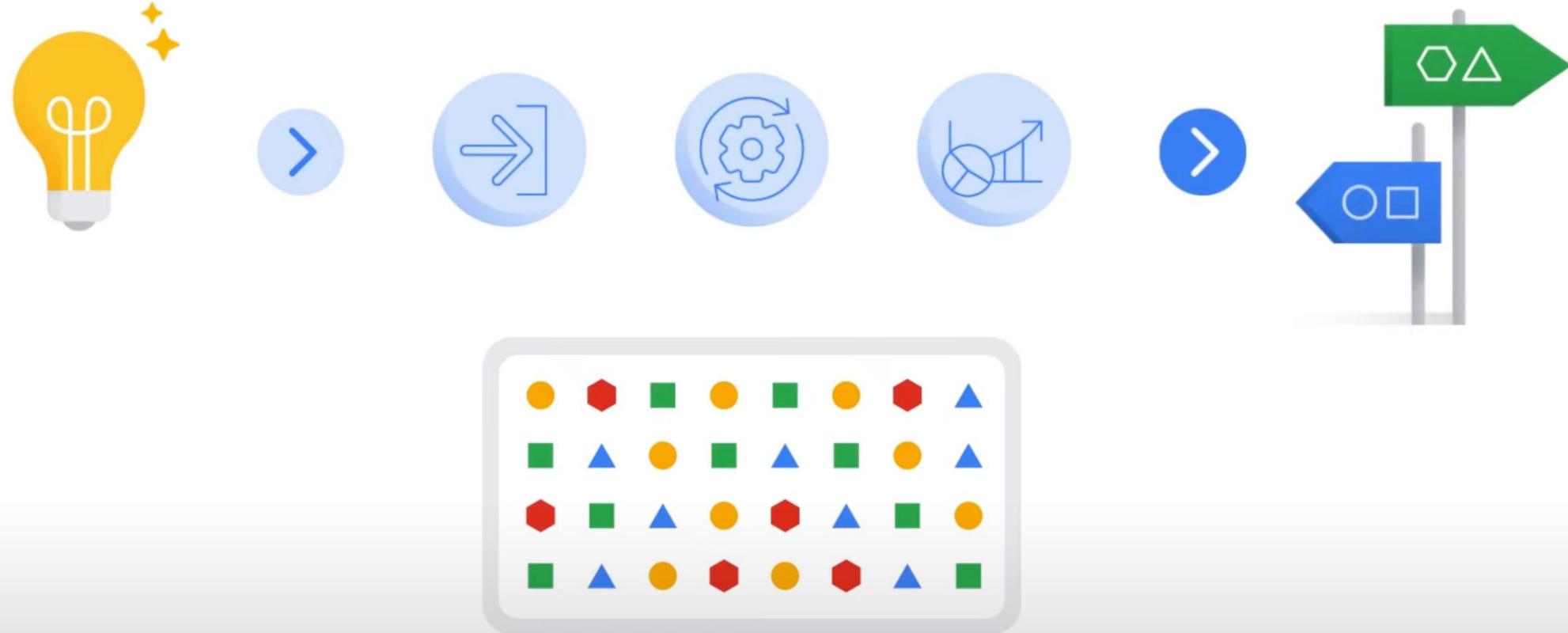


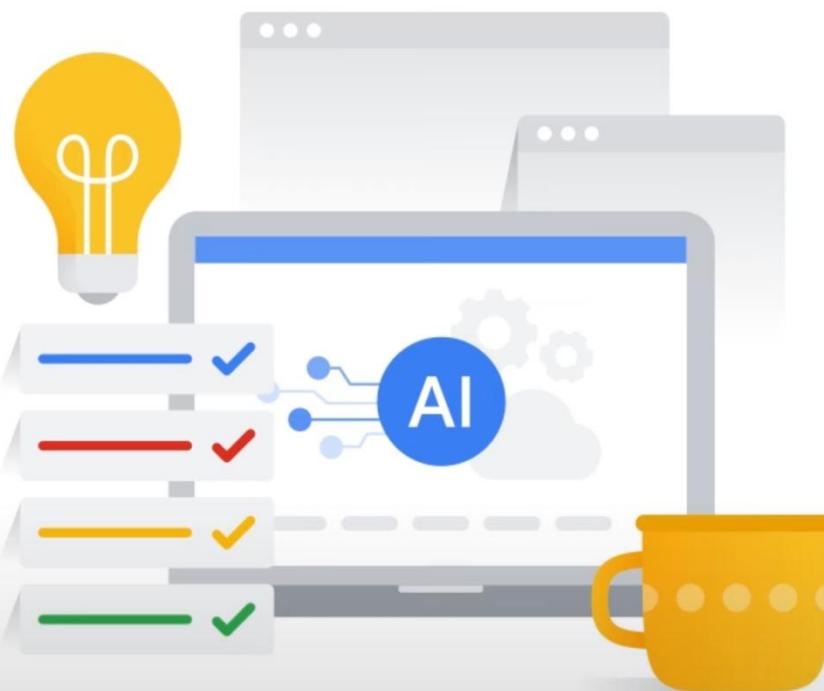
Artificial Intelligence

Machine Learning

Ingesta > Procesamiento > Visualización



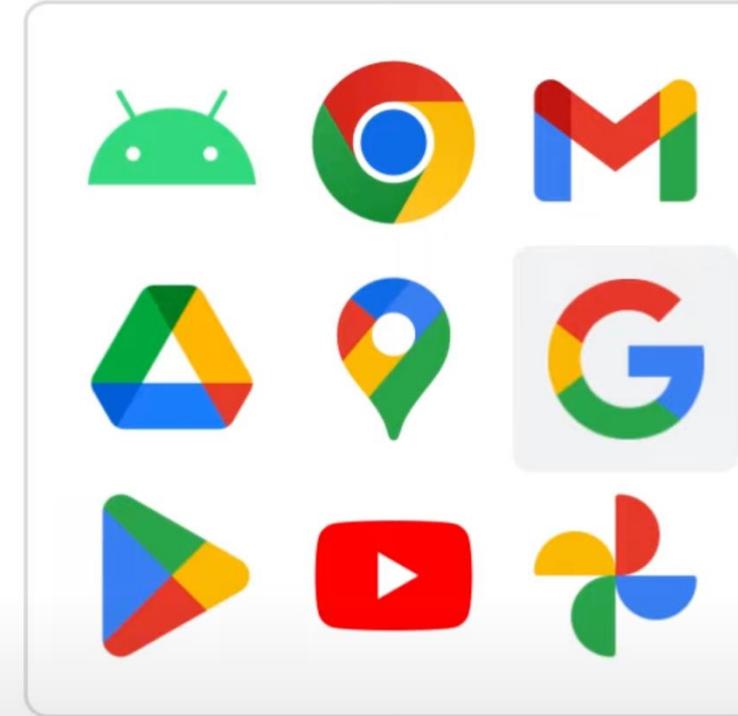


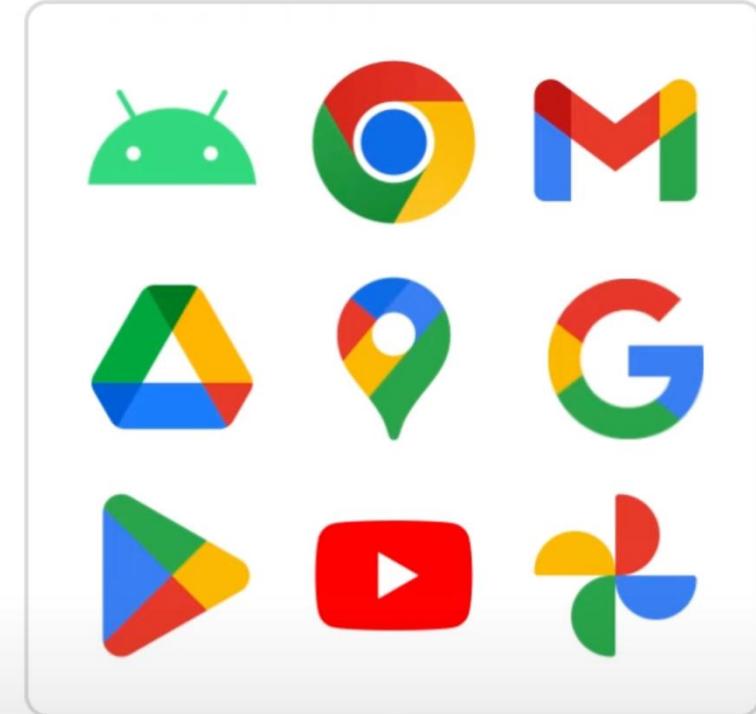
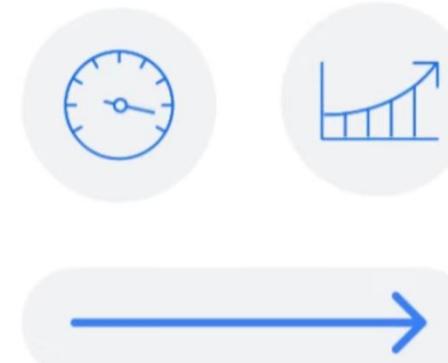
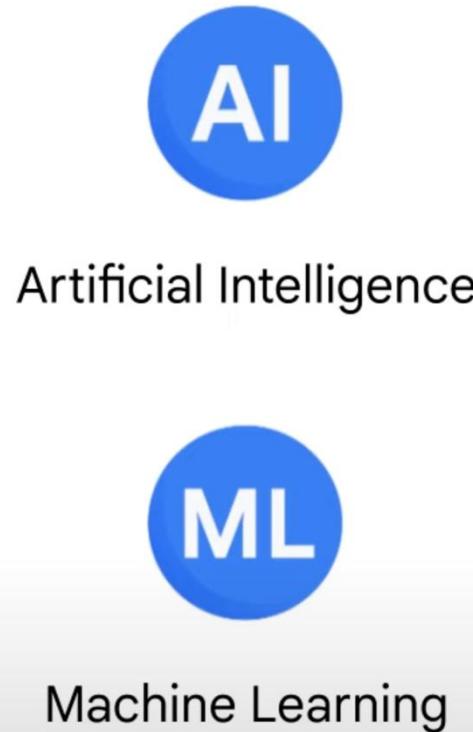


Explore key AI and ML concepts and understand how they can bring value to your business.

Learn about the AI and ML solutions that Google Cloud offers.

Understand how Google Cloud's pre-trained APIs, AutoML, and custom AI and ML products can help transform your business.

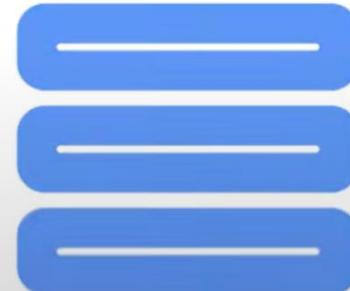
The Google logo, featuring its signature multi-colored letters.

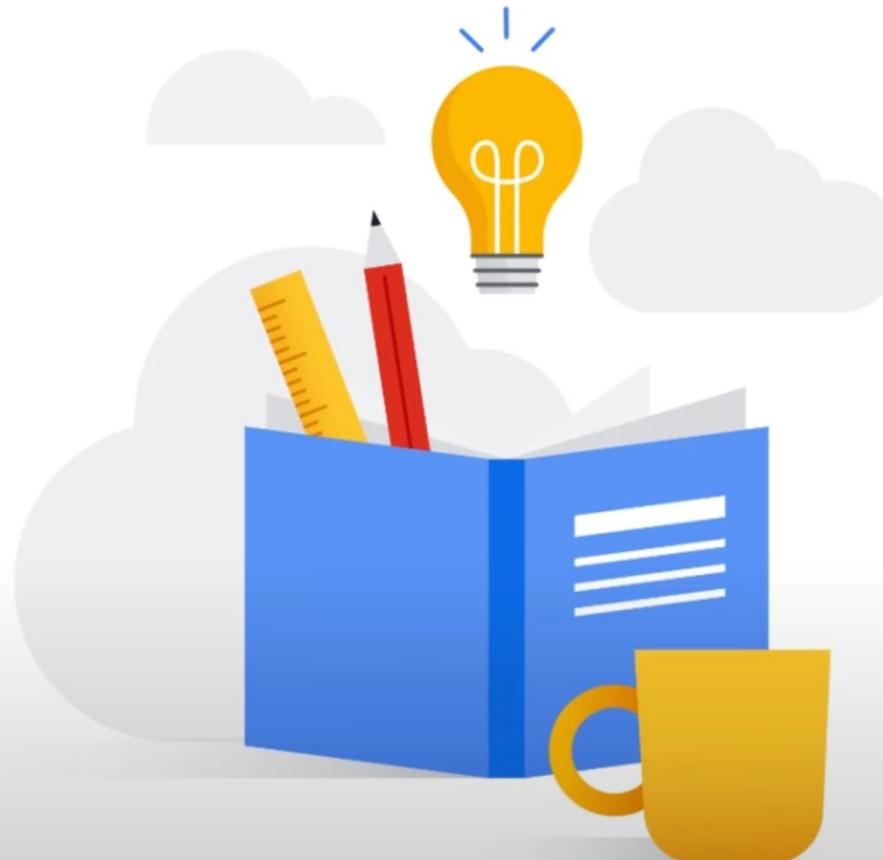
The Google logo, consisting of the word "Google" in its signature multi-colored font.

Google



Generative AI





-  The difference between artificial intelligence and machine learning.
-  How machine learning differs from data analytics and business intelligence.
-  Different types of problems that AI solutions are suited to solve.
-  The importance of using quality data for machine learning.
-  And the importance of responsible and explainable AI.



Artificial intelligence



Machine learning



Artificial intelligence

The use of technologies to build machines and computers that are able to mimic cognitive functions associated with human intelligence.



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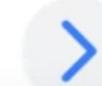
Artificial intelligence

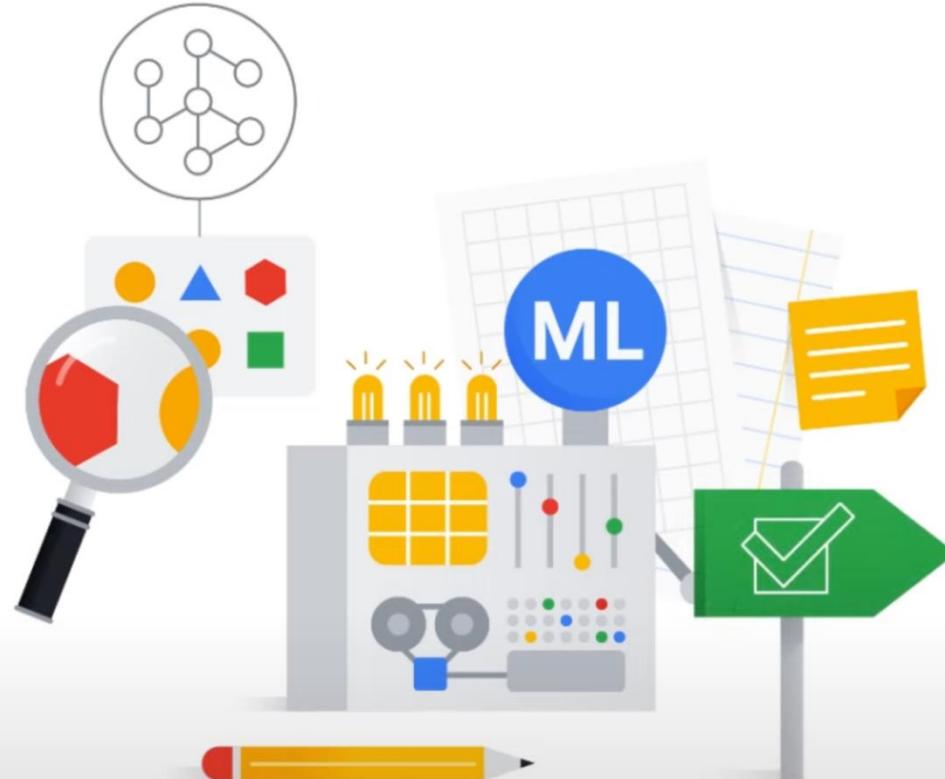




Machine learning

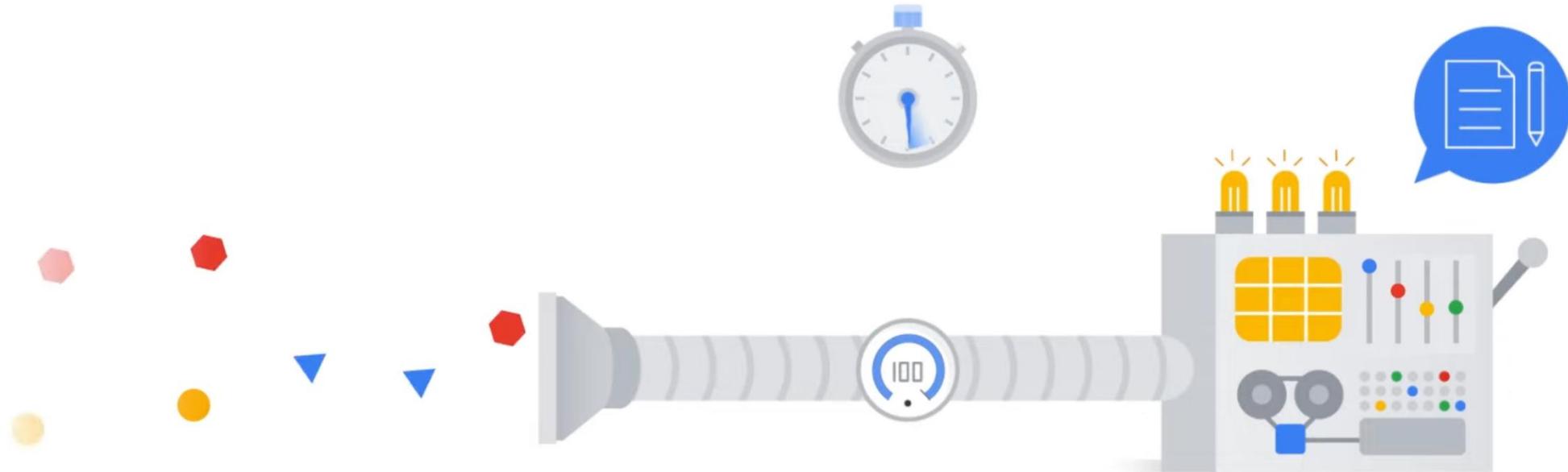
A subset of AI that enables a machine to learn from data without being explicitly programmed.





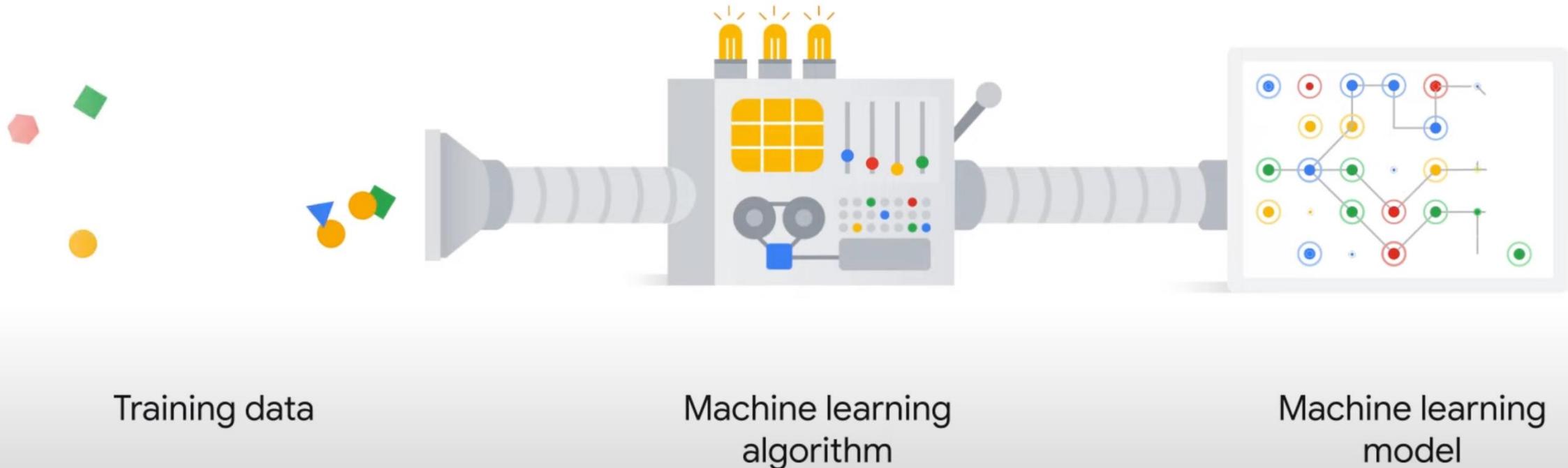
It relies on various models to:

- ✓ Analyze large amounts of data
- ✓ Learn from the insights
- ✓ Make predictions and informed decisions

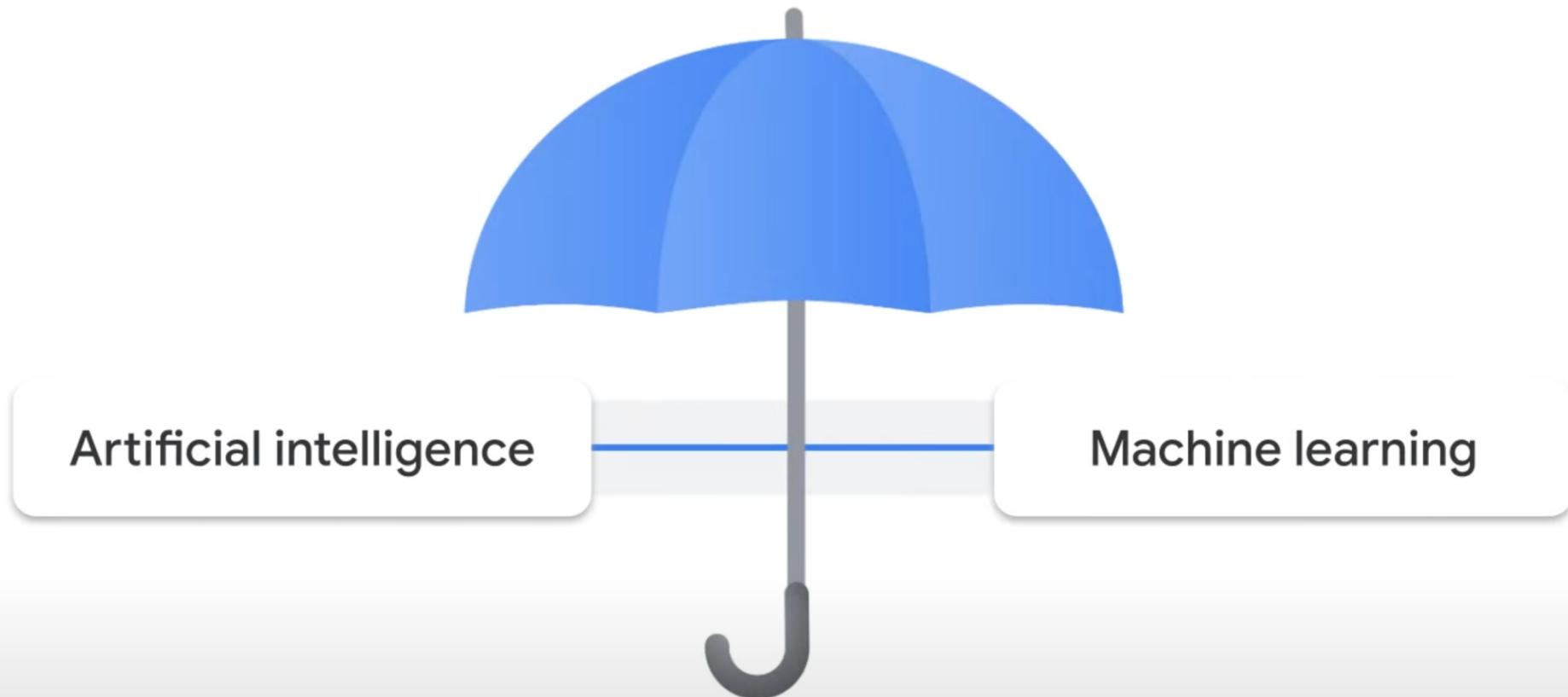


Training data

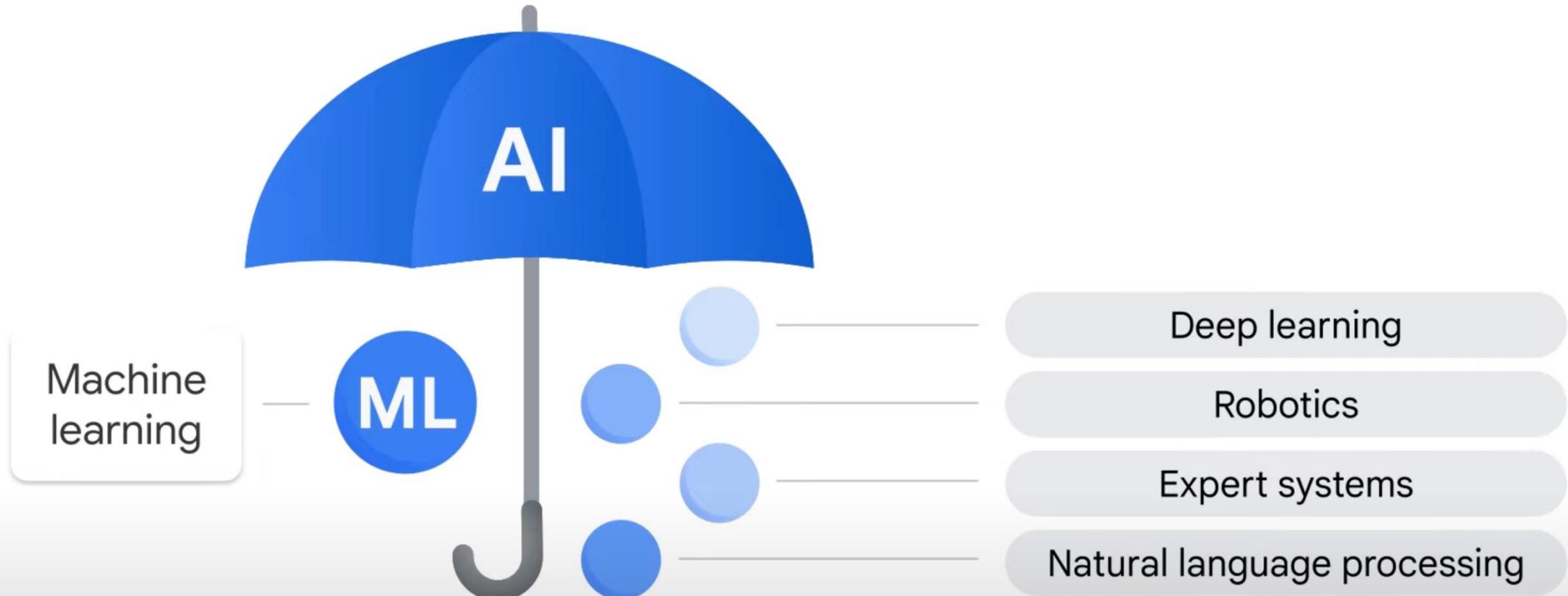
Machine learning
algorithm

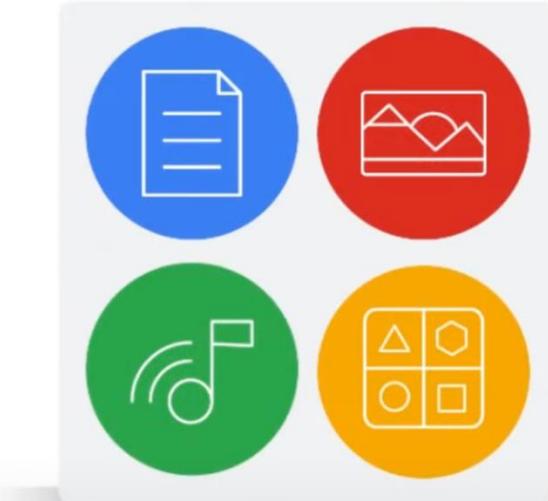
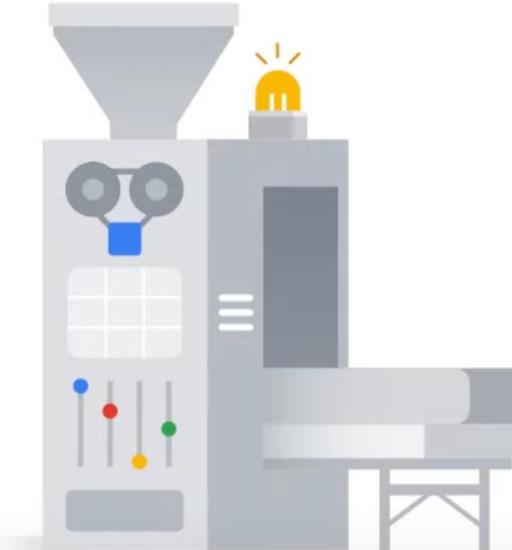




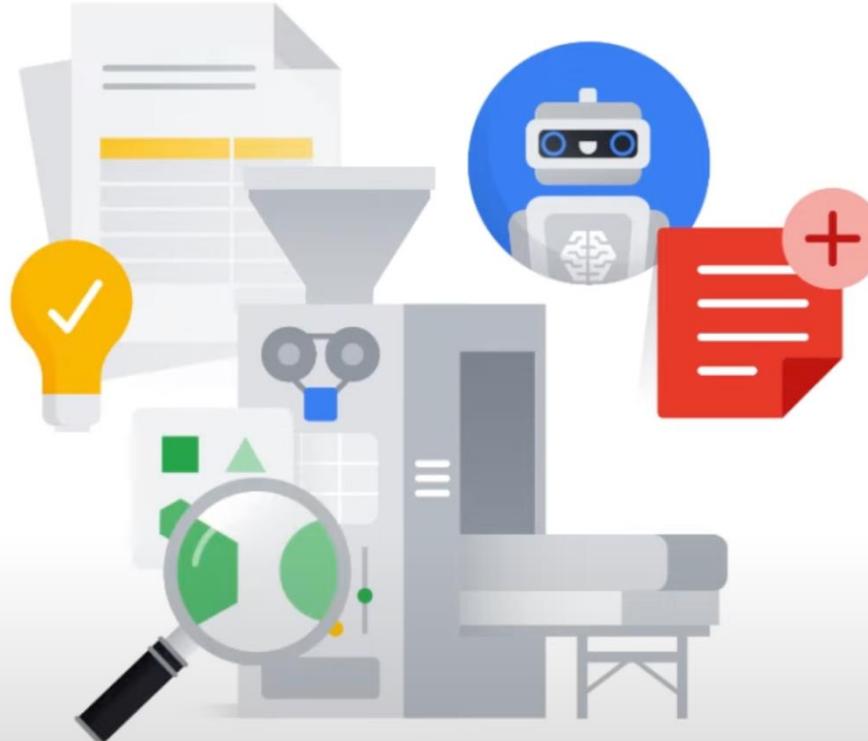






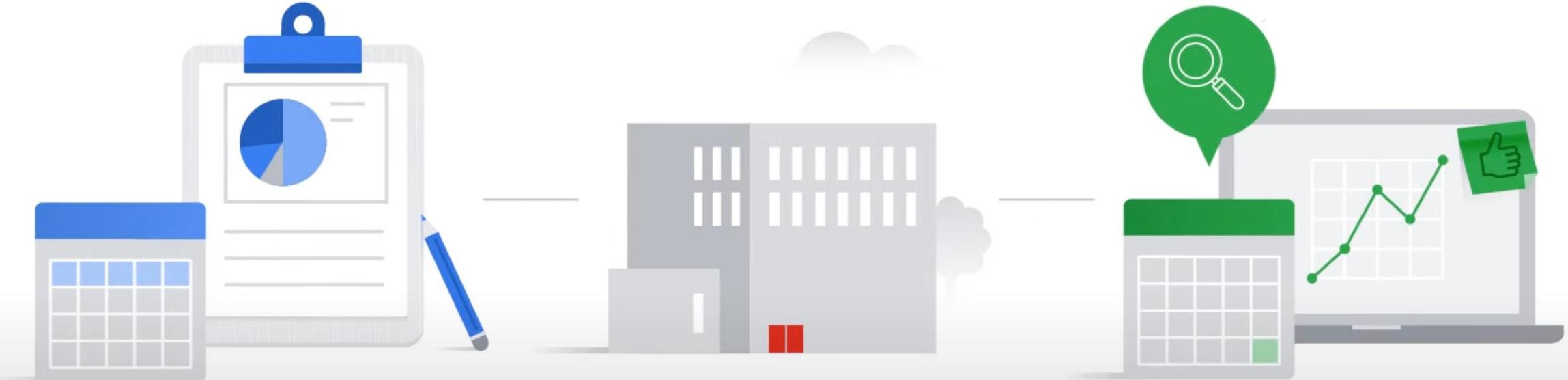


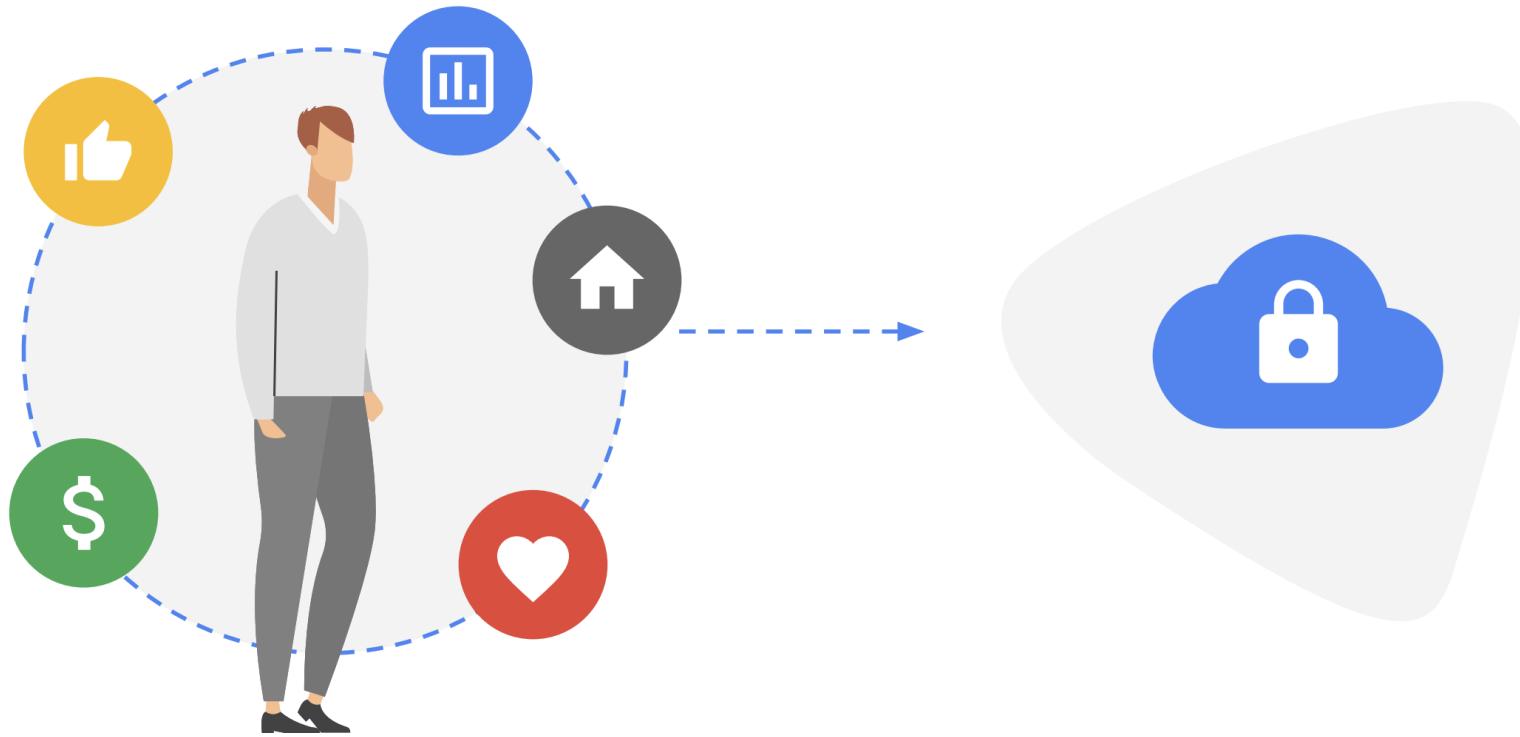
Generative AI



Generative AI can be used in:

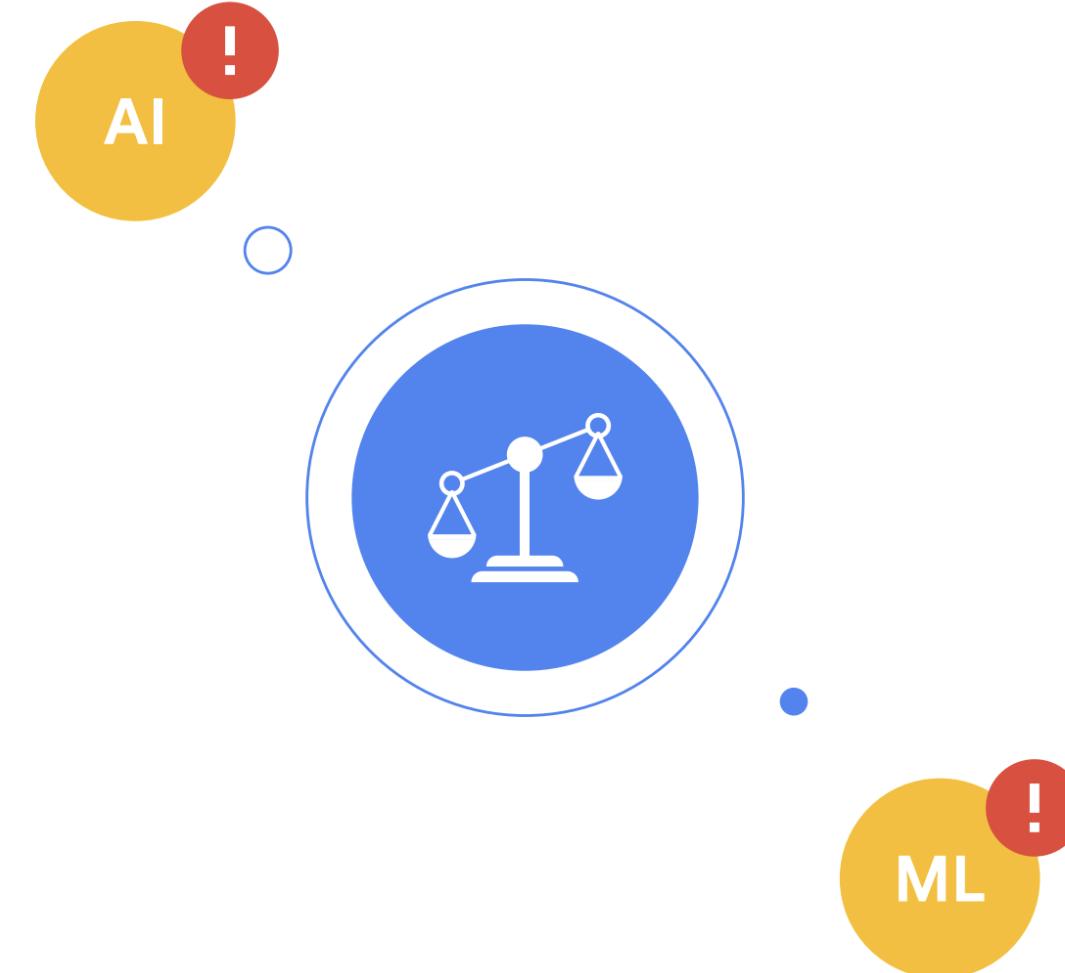
-  Conversational bots
-  Content generation
-  Document synthesis
-  Product discovery





Si se trata de **datos personales o confidenciales** sobre un cliente o un empleado, es necesario recopilarlos de forma segura, **cifrarlos cuando se almacenan en la nube y protegerlos de amenazas externas.**

Las consideraciones **éticas y justas** son particularmente importantes y aplicables cuando se trabaja con **inteligencia artificial (IA)** y **aprendizaje automático**.



[Preguntas y respuestas]





¡Muchas
gracias!]