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Foro de Contadurías
Gubernamentales de
América Latina



VIII Foro de Contadurías Gubernamentales de América Latina

5, 6 Y 7 de octubre de 2022, Ciudad de México



GOBIERNO DE
MÉXICO

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SECRETARÍA DE HACIENDA Y CRÉDITO PÚBLICO



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IPSASB

Open Data: La solución a problemas globales**

Anthony Cintrón Román
Director, Arquitectura de Datos
Microsoft

Sep 17, 2019, 04:05pm EDT | 3,842 views

Can AI Save Our Oceans? Start With The Data.

The U.S. Economy Today | Jobs Report | What Is Driving Prices Up? | Gross Domestic Income Rising

UNBOXED

More Data Can Mean Less Guessing About the Economy

glimmers of light and hope spots that we can point t

The Robots Are Coming for Phil in Accounting



Forbes

How AI Can Improve Financial Analytics

ANNA DOMAN

Cancer, the
companies
milestones
has stumpe

We Need Open Data To Change The World

by Lucy Bernholz

March 14, 2013

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in



Economies that embrace data sharing for finance could see GDP gains of between 1 and 5 percent by 2030, with benefits flowing to consumers and financial institutions.

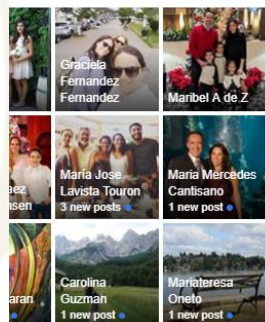


Data y Machine Learning

Veronica Guzman Timeline 2018 October



ends - 816 (219 Mutual)



See what you have in common with Veronica's friends.

View

(S) · Español · Português (Brasil) · Français · Deutsch

Like Reply · 11w
Joa Jenkins Cumpleanera que la pases 😊 precioso! Te deseo lo mejor!!
Woow! Vero la Antonia es tu minimi! ❤️
Like Reply · 11w

Veronica Guzman
October 11, 2018 · 🌐

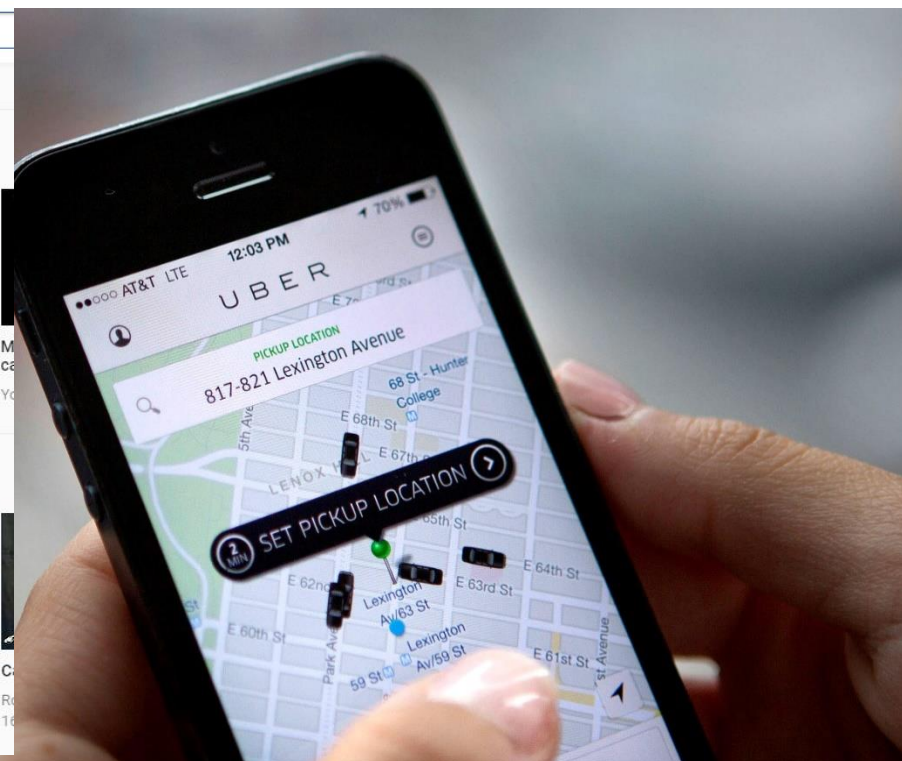
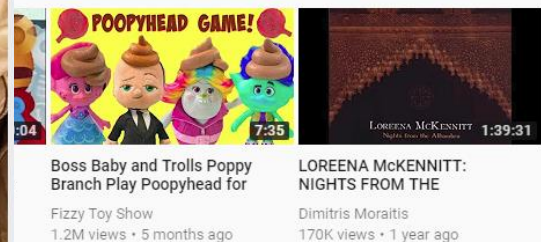
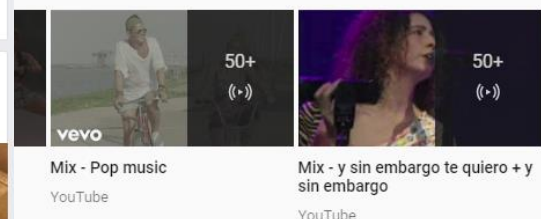
Este amor de hermanos me tiene derretida!



Search

Show ad

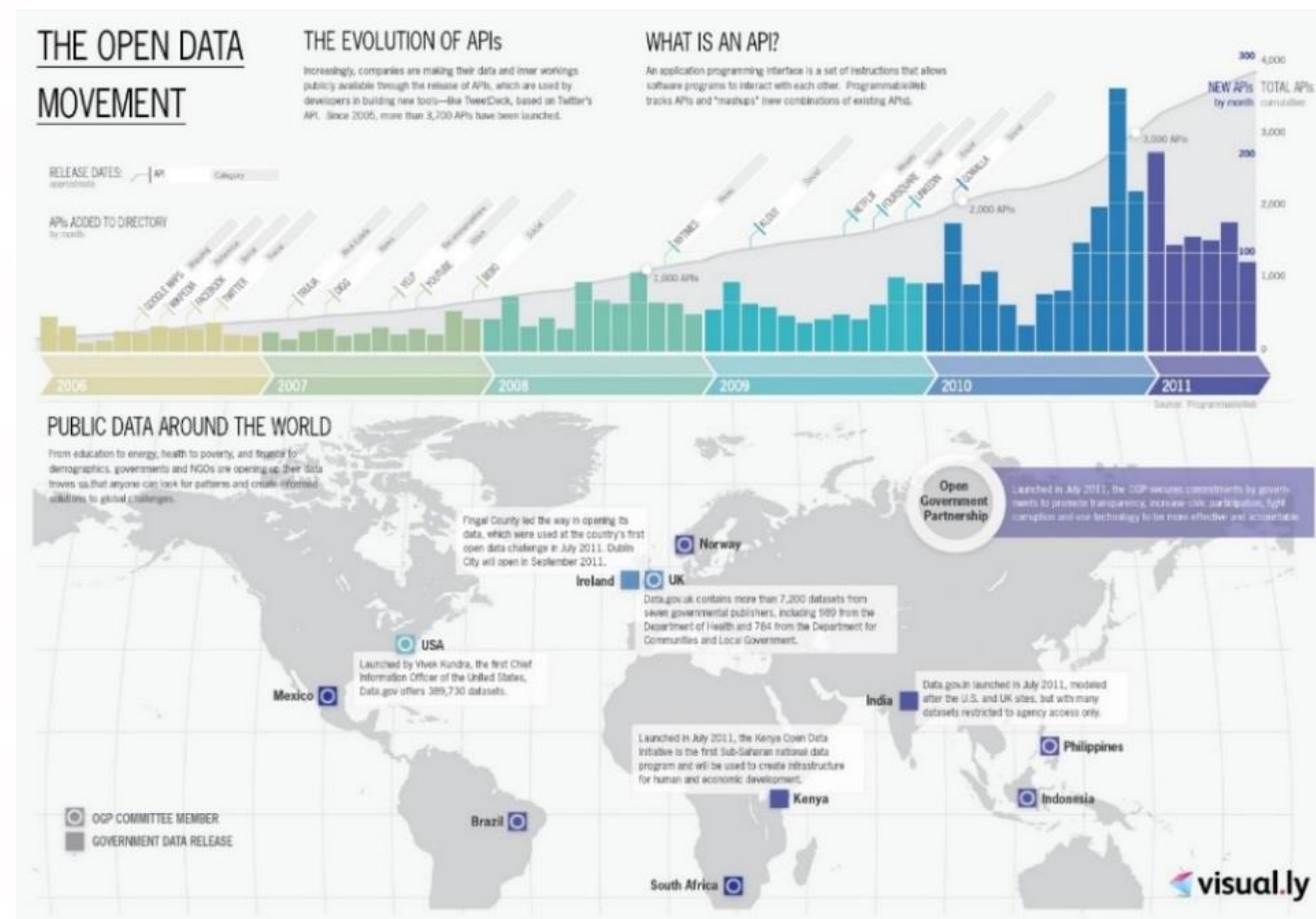
aylists based on a song or artist



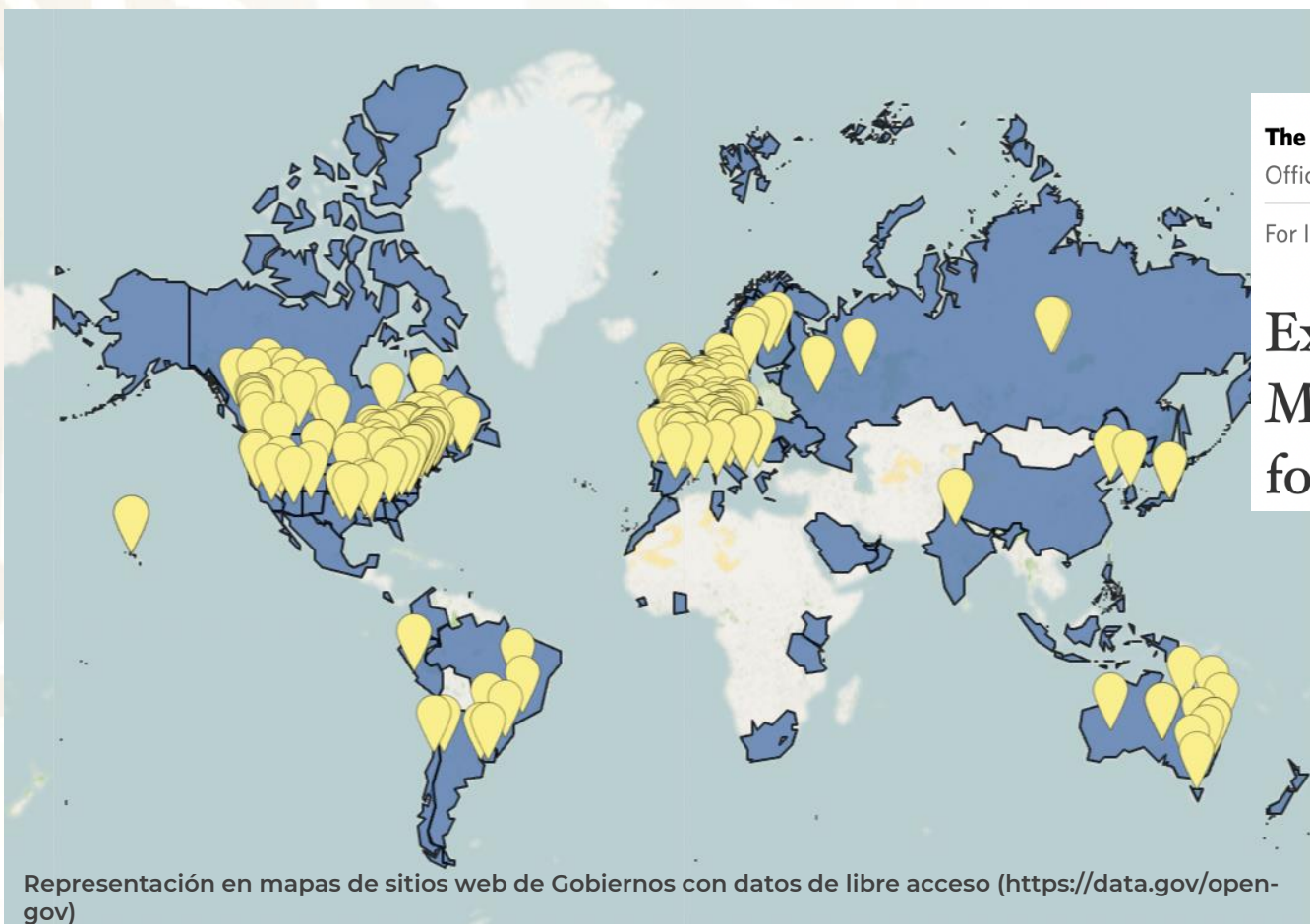
Acceso e intercambio de datos, un problema global.

Open Data - Oportunidades

El movimiento de Open Data en organizaciones y gobiernos está creciendo.



Open Data – Gobiernos



The White House

Office of the Press Secretary

For Immediate Release

May 09, 2013

Executive Order -- Making Open and Machine Readable the New Default for Government Information

Open Data – Empresas Privada



Brad Smith • Following

President and Vice Chair at Microsoft Corporation
2mo •

Data can enable organizations and community leaders to help address important societal issues – but only if they can access it.

To help close that data divide, we're launching Open Data for Society, a central location for datasets that Microsoft has made open. It's another step in our Open Data Campaign, which aims to make data more open and more useable for all. Who knows what discovery or innovation will be unlocked simply because the teams had open access to good data.



Open Data for Society | Microsoft AI

microsoft.com • 1 min read

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Data for Society

Using open data to accelerate the development of solutions to solve society's most pressing challenges.

Featured Datasets

Improving society with open data

Explore open datasets and learn how other researchers have used them to solve societal challenges.

US broadband usage percentages
Broadband internet access is critical to providing communities with education, employment, and telecare. The broadband usage percentages dataset shows broadband access at the US county-level to help address gaps in service availability.
[Explore broadband data on GitHub](#)

Solar farms mapping in India
The solar farms mapping data can help researchers identify factors driving land suitability for solar projects and help public agencies better plan siting of solar energy development in India.
[Explore solar farms on GitHub](#)

Microsoft | Data for Society Data Catalog Resources GitHub

Microsoft Data for Society Catalog

Search our open datasets and learn how other researchers have used them to solve societal challenges.

Filter by keywords

Equity Assistive Computer Vision
BankNote-Net: Open Dataset for Assistive Currency Recognition
Millions of people around the world have low or no vision. Assistive software applications have been developed for a variety of day-to-day tasks, including currency recognition. To aid with this task, BankNote-Net is an open dataset for assistive currency recognition.
[Explore On GitHub](#) [View Publication](#)

Equity Broadband Internet Education
United States Broadband Usage Percentages Dataset
Broadband internet access is critical to providing communities with education, employment, and telecare. The broadband usage percentages dataset shows broadband access at the US county-level to help address gaps in service availability.
[Explore On GitHub](#) [View Publication](#)

Equity Inclusion Assistive
MS-ASL American Sign Language Dataset
In the US, over 500,000 people use ASL for communication. This ASL dataset of over 25,000 annotated videos with sign and action recognition can help researchers build machine learning models to advance sign language recognition.
[Explore On Microsoft Research](#) [View Publication](#)

Health COVID-19
Bing COVID-19 Data
Bing COVID-19 data includes confirmed, fatal, and recovered cases from all regions, updated daily from multiple reliable sources. This data is reflected in the Bing COVID-19 Tracker.
[Explore Bing COVID-19 Data](#)

Inclusion Assistive Accessibility Education
Generative Neural Visual Artist (GeNeVA)

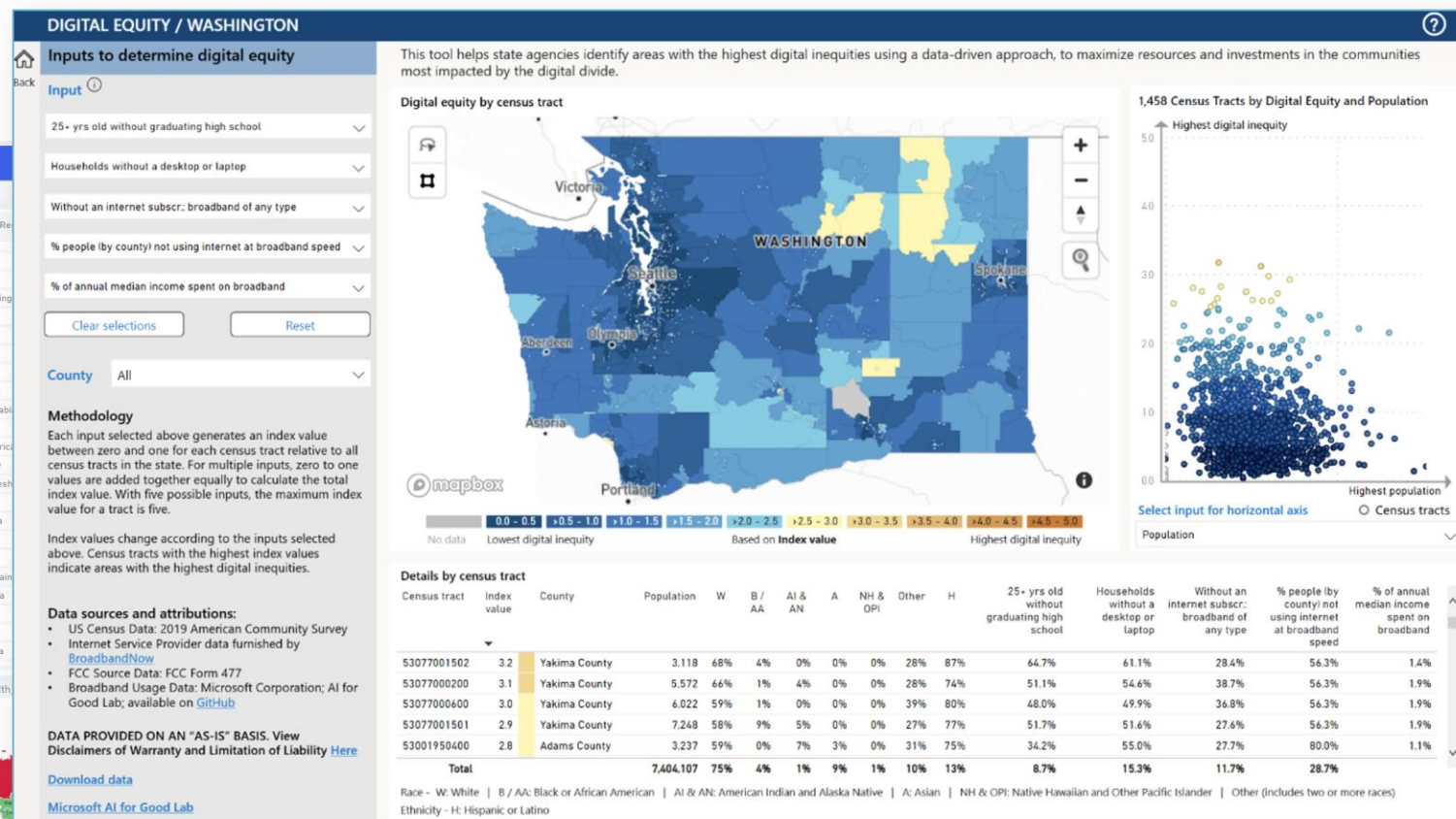
Inclusion Assistive
Learning from Everyday Analog Pen Use to Improve Digital Ink Experiences Dataset

Inclusion Assistive NLP
Microsoft Machine Reading Comprehension (MS MARCO)
AI and automated assistants need strong machine

Sustainability Solar Computer Vision
Solar Farms Mapping
The solar farms mapping data can help researchers identify factors driving land suitability for solar projects and help public agencies better plan siting of solar energy development in India.
[Explore solar farms on GitHub](#)

El Valor de Open Data

Impacto Global de COVID-19



COVID-19 Progress to Zero (P0) and Rt

COVID-19 Testing

COVID-19 Risk Levels

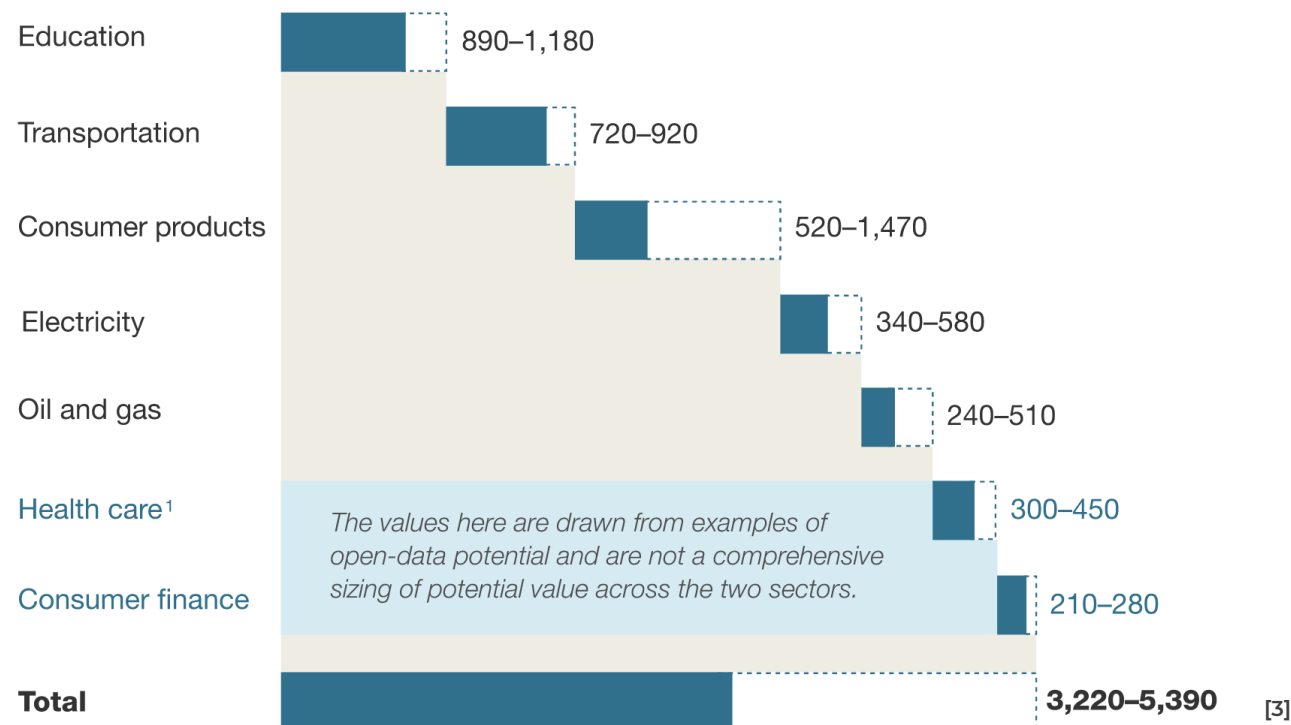
Equidad digital

El Valor de Open Data

Open data can help unlock \$3 trillion to \$5 trillion in economic value annually across seven sectors.

Un estudio de McKinsey estima que el movimiento de Open Data, puede traer entre 3 a 5 trillones de dólares (US) en valor económico.

Potential value in open data, \$ billion



[3] <https://www.mckinsey.com/capabilities/mckinsey-digital/our-insights/open-data-unlocking-innovation-and-performance-with-liquid-information>



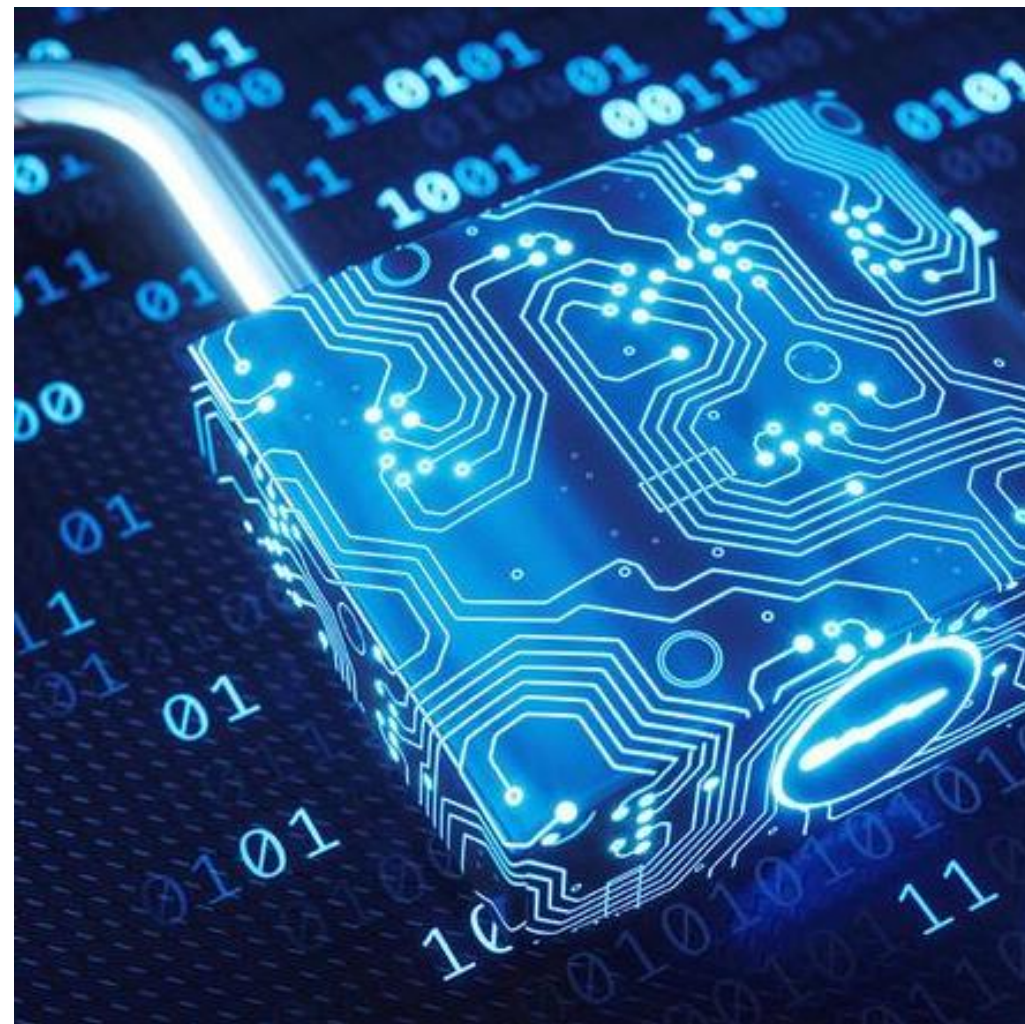
Una época de ansiedad

Privacidad De Datos

Hay una cantidad significativa de datos que no pueden estar abiertos debido a privacidad.

No necesitamos datos de individuos o información personal; todo lo que necesitamos es una señal informativa.

Hay opciones**...



Privacidad Diferencial (Differential Privacy)

La privacidad diferencial proporciona una forma de obtener información de los datos, pero sin afectar la privacidad de las personas.

La Privacidad Diferencial fue inventado por Microsoft Research

Una solución “Open Source” fue creada por Microsoft y la Universidad de Harvard

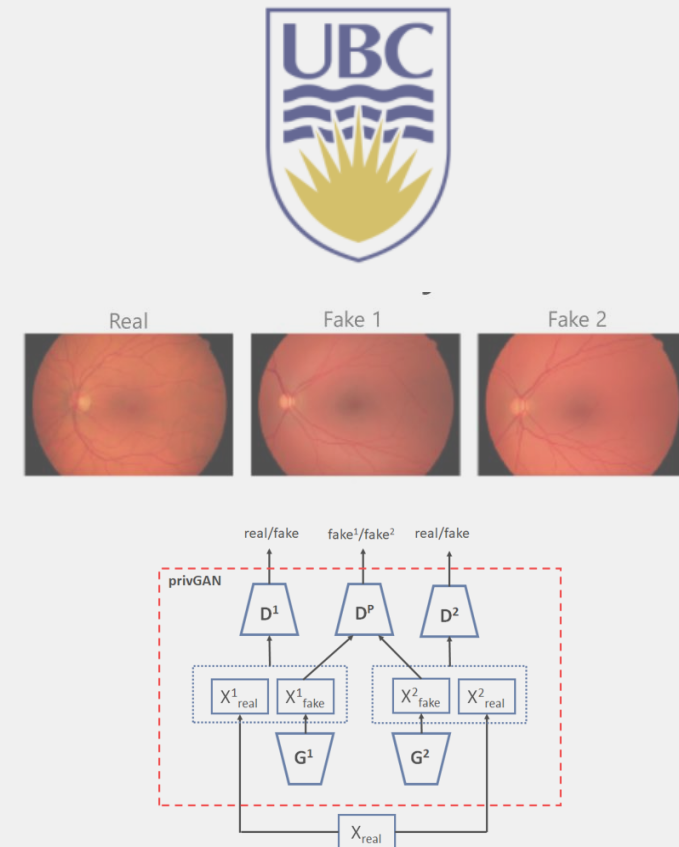


Preservación de la privacidad con data sintética (privGAN)

El progreso reciente en el aprendizaje automático generativo ha llevado a modelos que pueden generar datos sintéticos realistas después de entrenar en un conjunto de datos real.

Los datos sintéticos se pueden usar para entrenar modelos para tareas posteriores de aprendizaje automático, como regresión/clasificación.

En finanzas se ha utilizado una variación llamada Time-Series GAN



En nuestros teléfonos de hoy tenemos más poder de procesamiento que el que se necesitó para poner a un hombre en la luna.

Hay problemas muy importantes que se pueden resolver con datos

Pon tus datos a trabajar



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