



Integrated Digital Systems (IDS)



QA for B2B

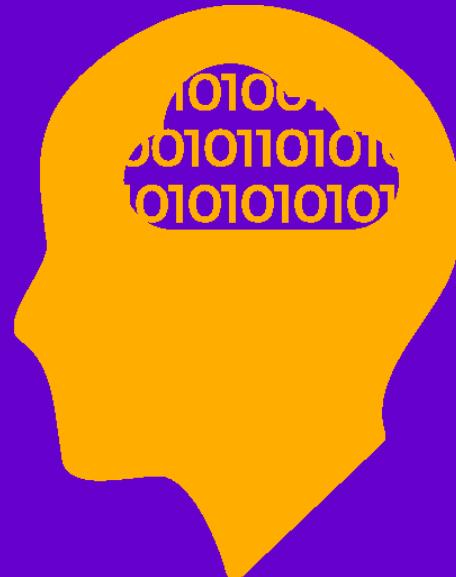
A decorative graphic of several yellow wavy lines of varying thicknesses, resembling stylized DNA strands or network traffic, flows from the bottom left towards the center of the slide.

Computing Services  
[www.arch-it.cl](http://www.arch-it.cl)

# Strategic Vision Services

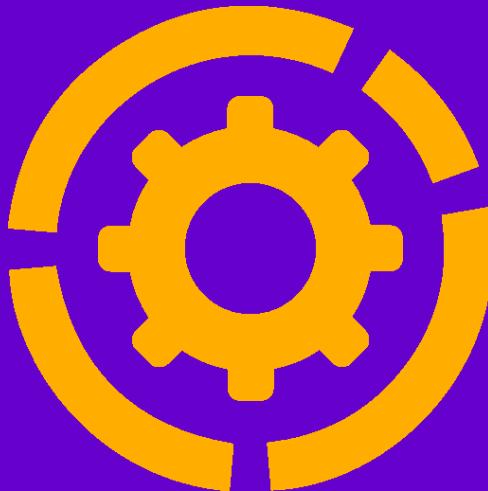
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Information and its interpretation becomes the wealth of the company today. The data located is a mine of business opportunities, improving performance and efficiency.



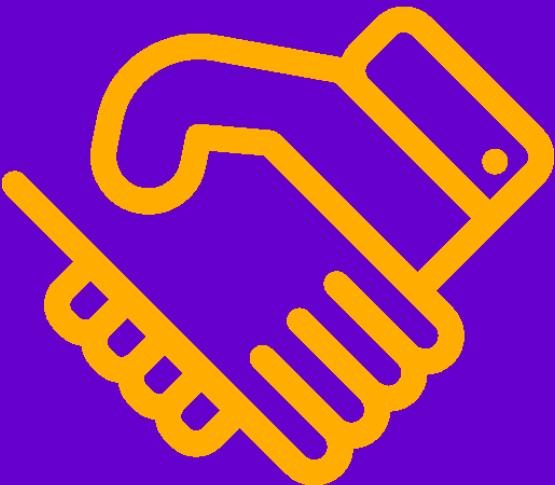
- Technological & qualitative analysis services of information.
- Strategic data analysis for more accurate and targeted decisions.
- Integrated multidisciplinary skills through technology as a approach that allows to reach *beyond and before*.

We ensure the quality of new and existing technological facilities.



- Quality Assurance (QA)
- Specialized Hardware Facilities. IT Development Measure.
- Modeling and IT Solutions Analysis (Efficiency and Sustainability).
- Maintenance and Support. Scalability and Connectivity.
- Data Collection and Customer Demand Prototypes.

Our diverse customer base allow us to respond to all types of projects.

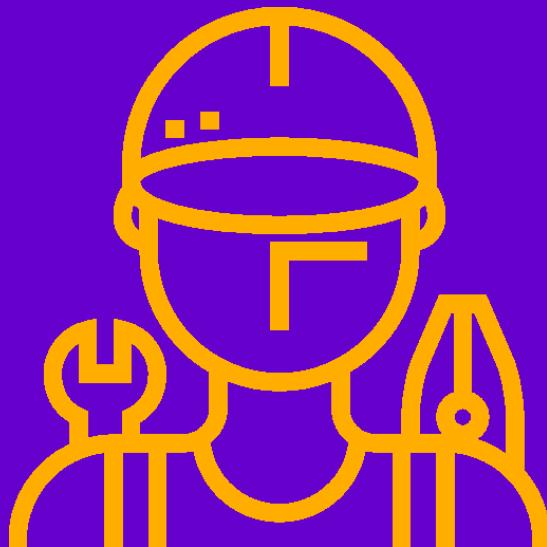


- Banking and Insurance
- Telecommunications
- Retailers
- Industry
- Digital marketing
- Engineering
- Local Governments (Smart Cities)

# Services and Solutions

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Our services are customized to the needs of each client, it is our passion.

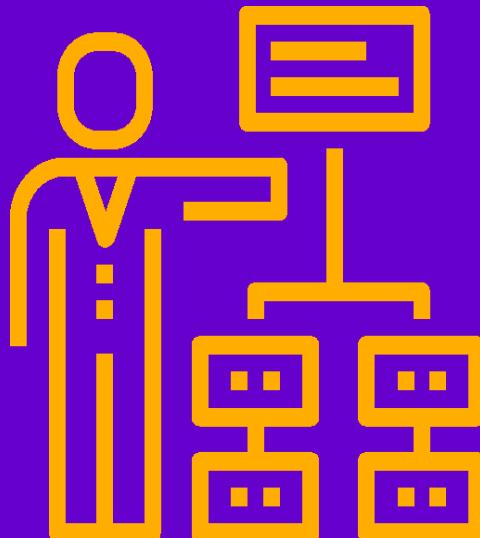


- Installations and Settings (On-Site Servers / Cloud).
- Hardware Infrastructure and Maintainability.
- Back Ups Files and Security.
- Process and Data Modeling. Chain Production Efficiency.
- Marketing and Networks. Customer Data Analysis.
- Statistical Analysis - Quantitative and Qualitative.
- Customized Settings and Apps.
- Locations, Modelings and Predictions (GIS).

# Services – Process Modeling

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Modeling processes previously described, regulate and explain the business process.

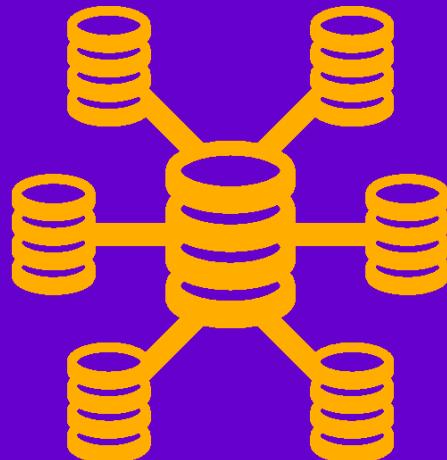


- Data reports of online platforms.
- Randomized Controlled Trials Comparing User Impact.
- Information Gathering Methodologies, Programming (databases) and Integrated Qualitative Analysis.
- Prototype Design and Claims Reactions.

# Services - Infrastructure

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Higher infrastructure efficiency prevents data losses and delays in business processes.



- **Instalations**

- Installing Operating Systems.
- System Configuration (Connectivity).
- Virtual Machines.

- **Monitoring**

- Installation and Configuration Application.
- Induction and Training in the Use of Applications.
- Maintenance Installed Applications and Back-Ups.

- **Maintenance**

- Scale space -
- Changing Infrastructure.
- Technologic Scaling Hardware / Software.

# Services – Company Back Ups

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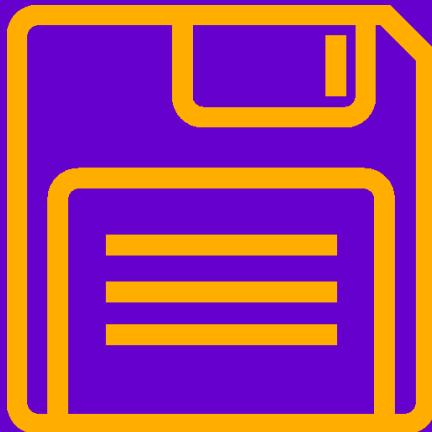
The growth of a company is in the interaction of their information and safety.

Policies and Instruments Guarantee Data Back Ups:

Administration / Scalability / insurability.  
Data Security (Storage).

TSM – Tivoli Storage Manager

- Data Backup and Restore / Database.
- Virtual Machines.
- Mail Systems (Exchange, Domino).
- Disaster Recovery.
- Data Protection Policies Des-located (DRM).



# **Services – IT Security**

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**Security IT policies, installation of infrastructure and monitoring applications designed for the needs of each client.**

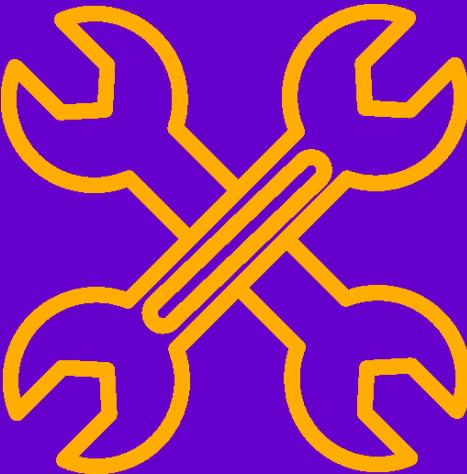


- Infrastructure Security.
- Code Security
- Profiles and Security Roles.

# Services - Maintainability

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The business processes and data increasing needs constant maintainability and upgrade.



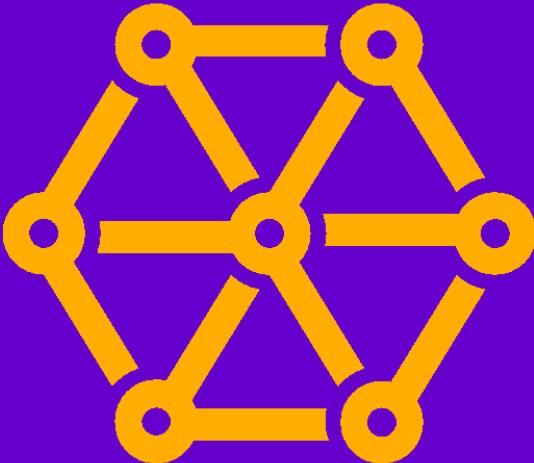
Maintenance, updating and development of computer systems allow maximum business efficiency and steady growth.

- Data Base
  - Oracle DB
  - MS-SQL
- Clear Design
  - HTML5
  - CSS3 / JavaScript
- Server Programming Languages
  - J2EE / ASP.NET

# Services – Adhoc Integration

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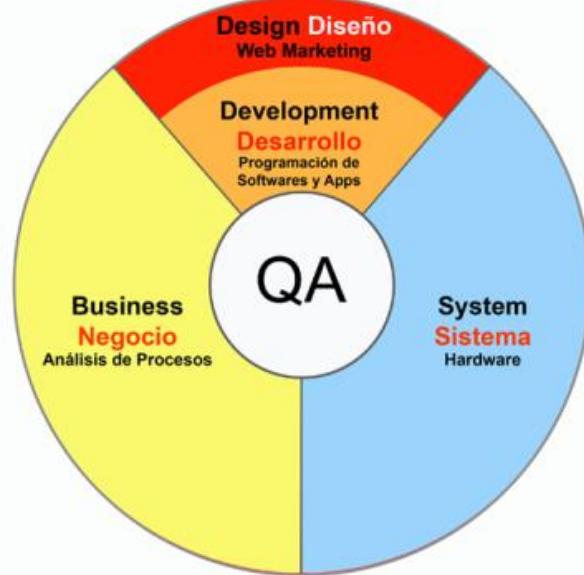
The use of social networks and digital advertising need systems integration and aggregation of data, key marketing and sales information.



- Aggregation and Data Integration with CRM Integrated Systems Analysis (demands and preferences).
- Internal Data Consolidation Company, Administration and Sales.
- Qualitatively Metrics analysis. Fast Results, Conclusions and Recommendations.

# QA – Business Intelligence & Data Methodology.

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Software Business Methodology  
Metodología Negocios Informáticos

Data Administration Methodology  
Metodología de Administración de Datos

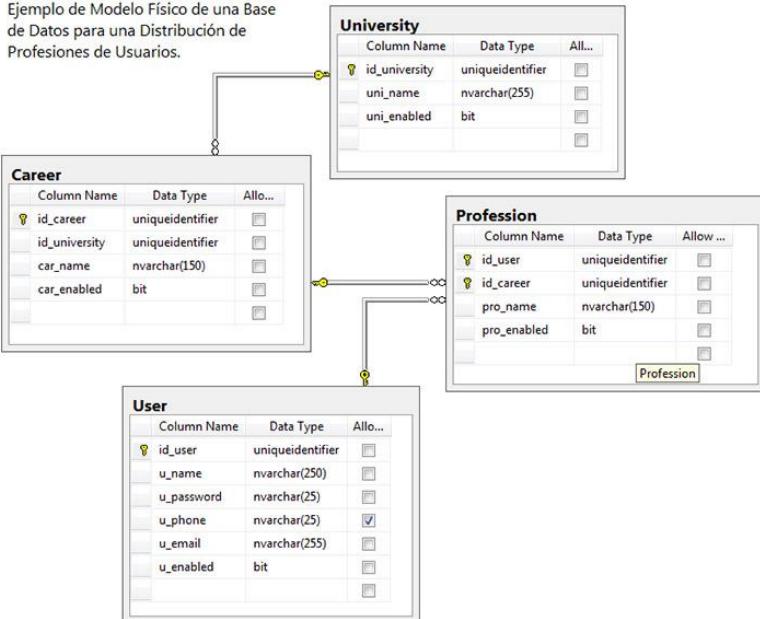
# Data Analysis & Data Mining.

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QA SERVICIO CALIDAD ARTE CONTACTO TÉCNICA

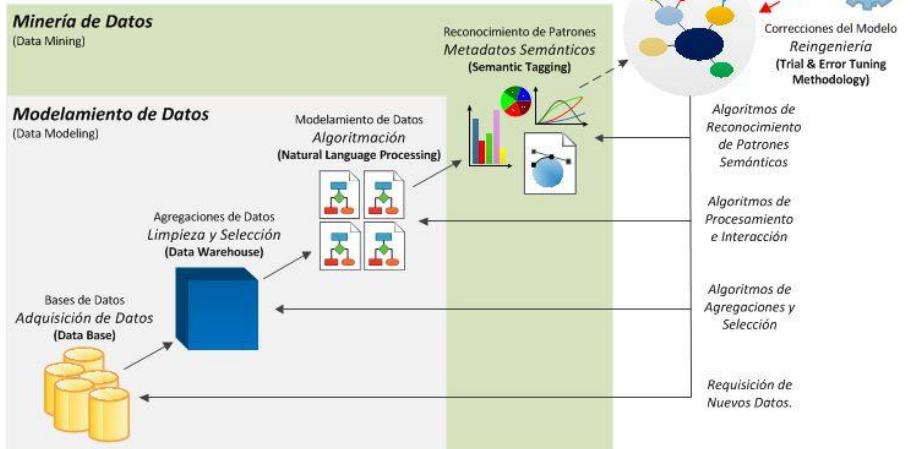
Ejemplo de Modelo Físico de una Base de Datos para una Distribución de Profesiones de Usuarios.



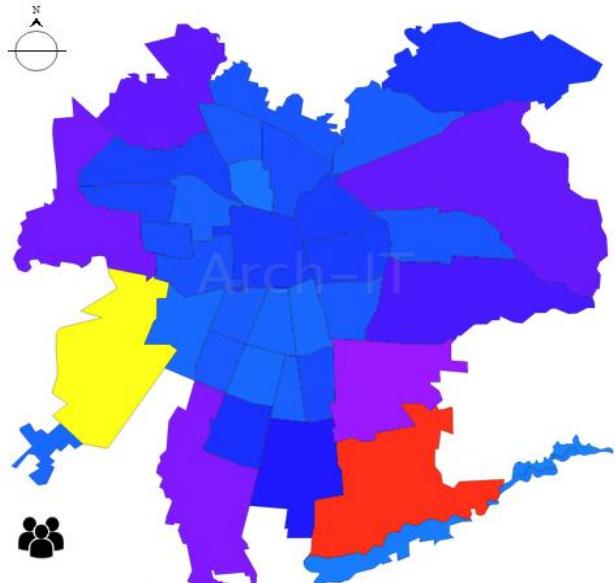
Conocimiento  
(Knowledge)

Minería de Datos  
(Data Mining)

Modelamiento de Datos  
(Data Modeling)



### Population Distribution Santiago, Chile (INE)



HABITANTES AL AÑO 2020

1.249.498  
1.121.548  
999.598  
874.649  
748.699  
624.749  
499.799  
374.849  
249.900  
123.950

1991	1992	1993	1994	1995	1996	1997	1998
1999	2000	2001	2002	2003	2004	2005	2006
2007	2008	2009	2010	2011	2012	2013	2014
2015	2016	2017	2018	2019	2020		

GÉNERO: Todos

ORGANIZACIÓN: Población (Hab.)

COTAS NUMÉRICAS: Generales

FUNCIÓN: Lineal

COLORIMETRÍA: Temperatura

MATIZ: Rojo

2020

Habitantes  
Hombres: 3.640.172  
Mujeres: 3.820.536  
Todos: 7.460.708

Diferencia  
Hombres: 25.979  
Mujeres: 27.434  
Todos: 53.413

Crecimiento  
Hombres: 0,72 %  
Mujeres: 0,72 %  
Todos: 0,72 %

Animación

Gráficos

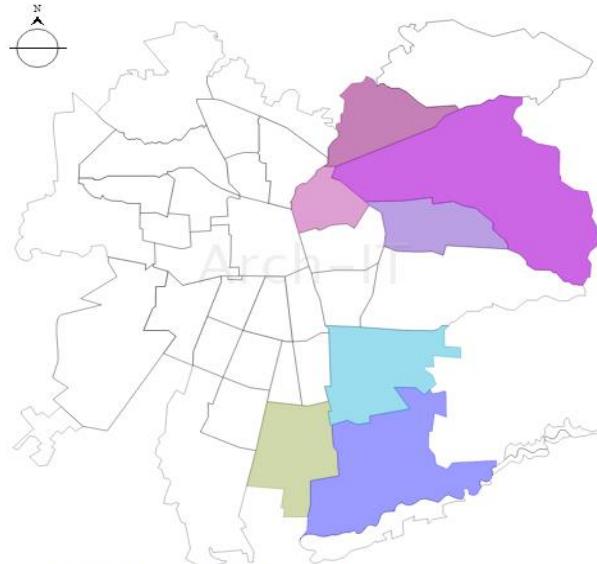
# Data Urban Modeling and Statistics Comparisons.

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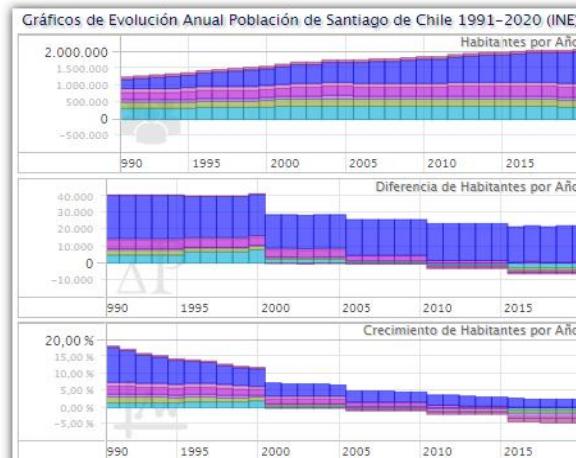
QA SERVICIO CALIDAD ARTE CONTACTO TÉCNICA

## Population Distribution Santiago, Chile (INE)



Arch-IT © 2015 - Fuente: Instituto Nacional de Estadísticas (INE) - Chile

Síntesis aráfrica dinámica de la población conocida



GÉNERO: Todos

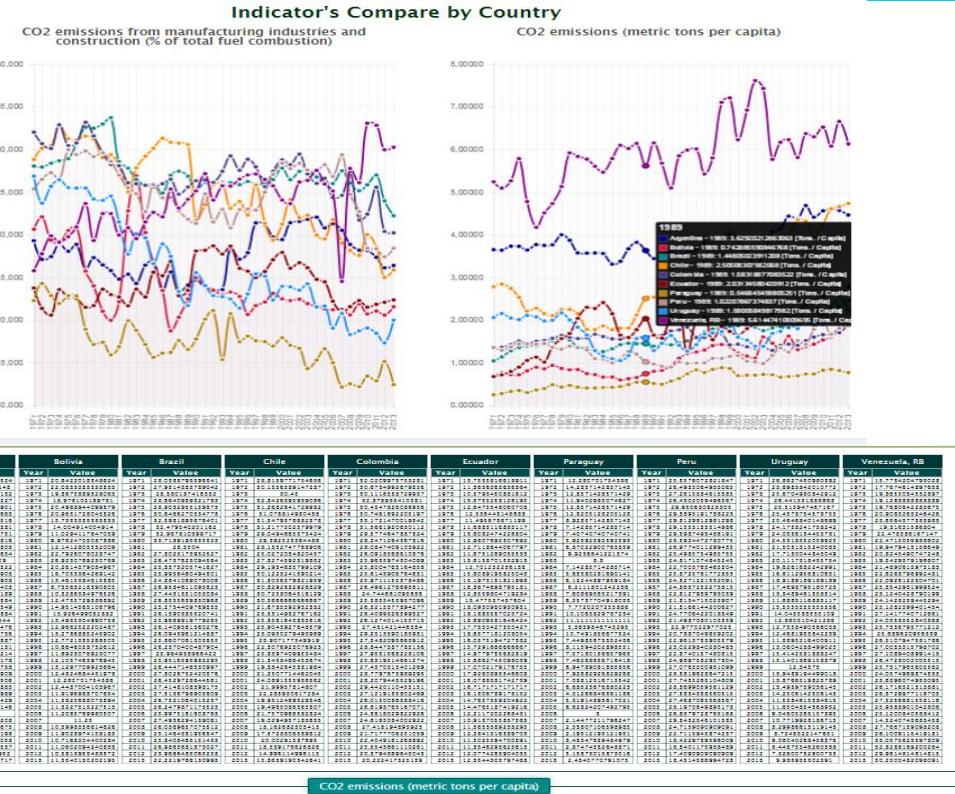
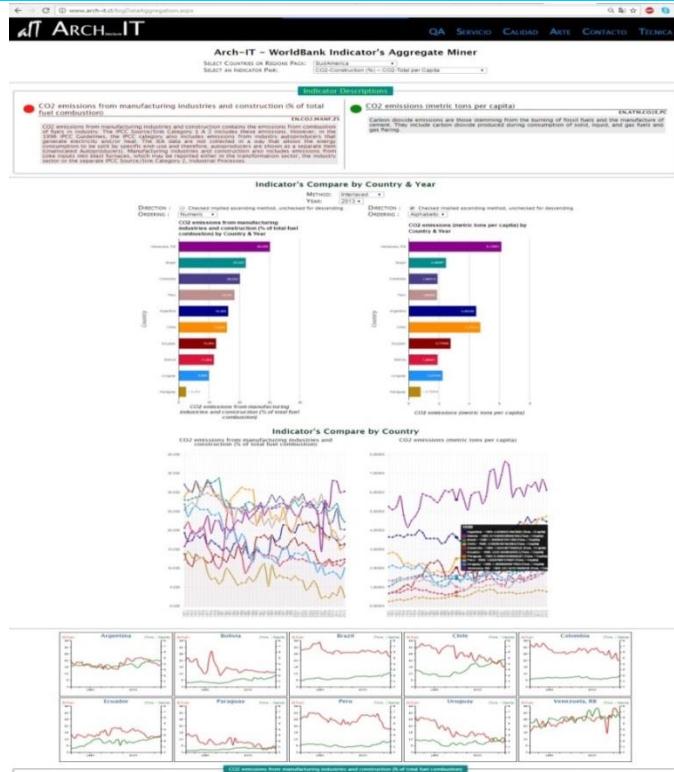
GRÁFICO: Barras



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# Statistics Simulations & Data Analysis.

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## *Aplicaciones, Softwares y Sistemas Personalizados.*

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## Integrated Digital Systems (IDS)



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