

The logo for SEMICON 2023 features a network of interconnected nodes in blue, orange, and yellow, with thin lines connecting them. This logo is positioned above the text 'SEMICON 2023 conference 23' and is enclosed within a glowing cyan circular border.

SEMICON 2023
conference 23

A yellow location pin icon with a white dot in the center, positioned above the word 'Madrid'.

Madrid

17 Oct

Pre-conference
workshops

Public service of Justice and its relationship with this workshop

“AI for digital-ready policy design and drafting”

Digital Legal Security and social & economic impact of
automation in Justice

What is the public service of Justice?

- **Unknown service.**

- 8% population go to courts (luckily!)
- 100% population go to other services of justice (civil registries)
- Variable % need to go to any other services associated (divorces, alimonies, bankruptcy, notaries, registrars, mortgages...)

- **Impacts considered**

- From legislation to the justice: Digital Legal Security
- From Justice to the society: Social and economic impacts of Justice automation.

AI challenges for Justice System

Global Challenge: gain efficiency and improve the accessibility of Justice system.

- **Challenge 1: Using AI to foster an understanding of legislation that improves legal security**
- **Challenge 2: Use automation (AI) to improve the functioning of justice**

Until now

More than
288.000
hours saved
(simplified calculation)

1.4M audio-to-text
3k anonym/month

Expected 2024 at least

4 IA services per
document
in or out the Justice system
(hundreds of million)

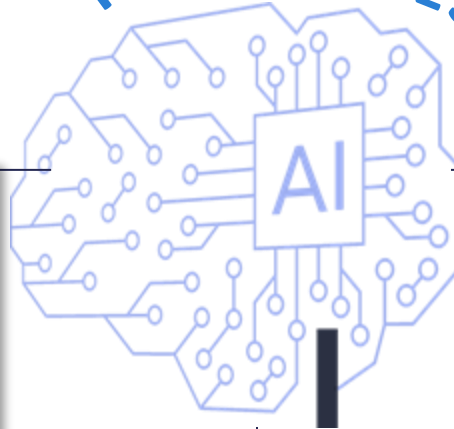
- Document class.
- Interveners detect.
- Registry class.
- Summarizer



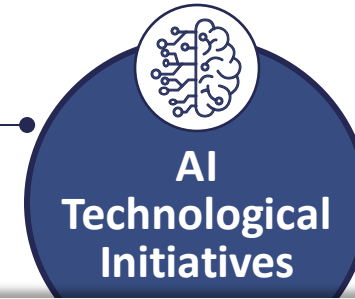


- (P) Judicial bank accounts management
- (P) Nationality procedures
- (P) Criminal records cancelation
- (P) Judicial procedures registry and dispatching
- (P) Hyperautomation in small economic claiming procedures
- (P) Hyperautomation in processing several kind of appeals
- (P) registry, processing and automatic dispatching
- Many others

INITIATIVES



Fairness, Accuracy and Transparency Records
Cooperation
Policy generation



- (P) Anonymization
- (P) Documentary classification
- (P) Registry classification
- (10/23) Variable summaries
- (10/23) Plain language summaries
- (10/23) Nominal entity detection
 - Detection of interveners
 - Detection of dates and quantities
- (P) Audio-to-text systems
- (1T24) Information extraction to create a social-interest indicators
- (11/23) Intelligent Search for Procurators and (1T2024) Judges



Justicia y Derecho en Datos

Fechas Representantes institucionales Entradas

laboral ciudad de la cultura Universidad de Oviedo

DATAfórum JUSTICIA > 2023

El Gran Foro anual del Sector Justicia en la cultura del dato, la digitalización y el humanismo, que aúna a las instituciones, la academia y al sector privado. El Derecho y el tratamiento de los datos y técnicas asociadas, desde el punto de vista jurídico, humanista y técnico, para una sociedad

Big challenge

- Create a dataspace with court sentences, legislation associated over europe.
 - Topics to be covered:
 - those related with vital events and economic impacts.
 - Those related with the use of paper, to turn them into data.
 - Those related with big litigation
- Use AI to improve efficiency of that regulation and to find the gaps where there is no legal security or digital-ready legislation.



Thank you!