eman ta zabal zazu

Universidad del País Vasco

Euskal Herriko Unibertsitatea

Zer ari gara ikasten AAk gizarte-ikerketan sortutako eztabaida etiko eta politikoei buruz Harilkai esperientzian?

Eduardo Apodaka & Asier Amezaga
InnoKlab ikerketa taldea. EHU

Hitzaurre bat...

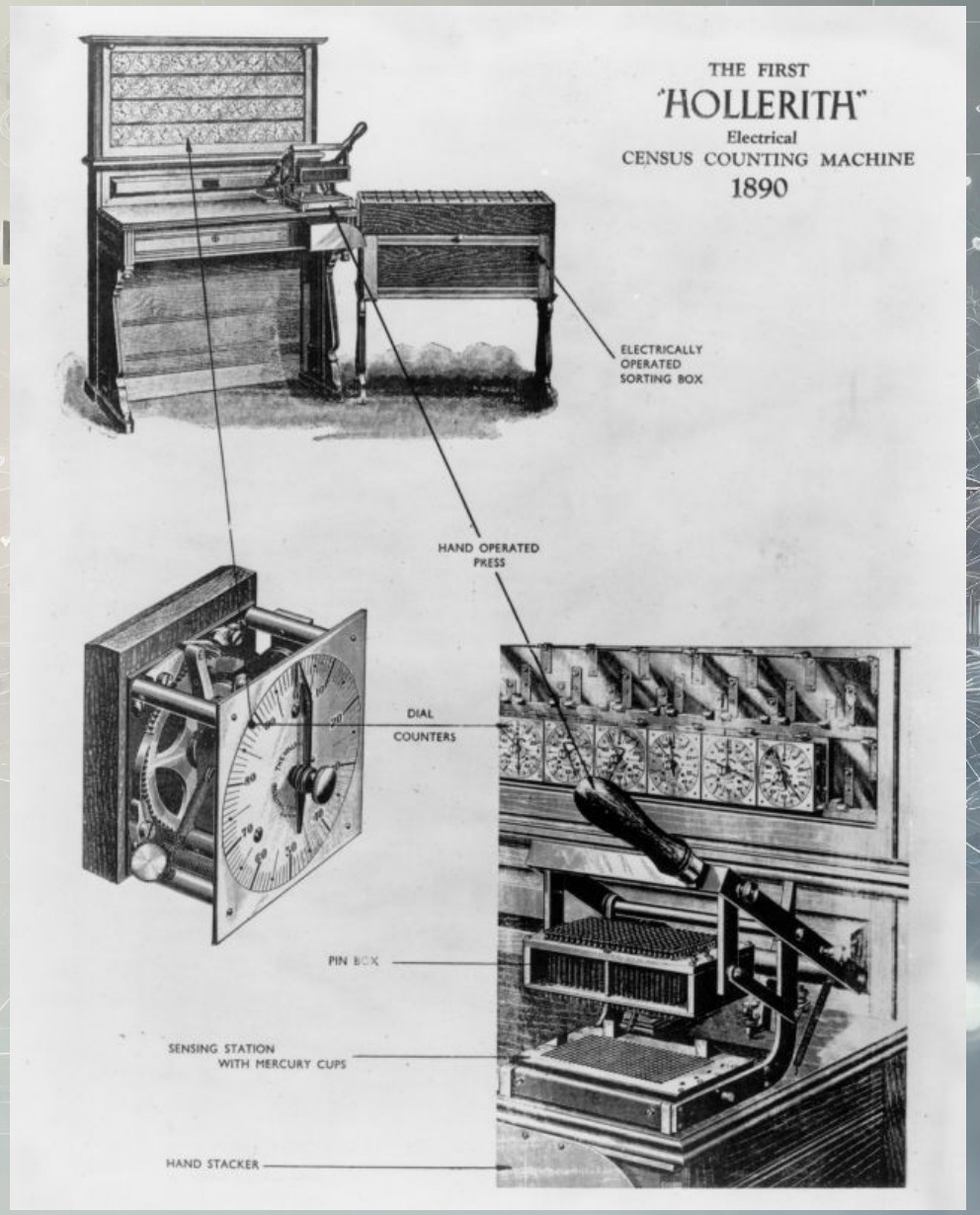
Ikerketa zerbitzu sozialetan: nondik datuak, nondik konputazio ahalmena, zertarako?



Ordenagailuen aitzindariak...

eta gizartearen eraikuntza

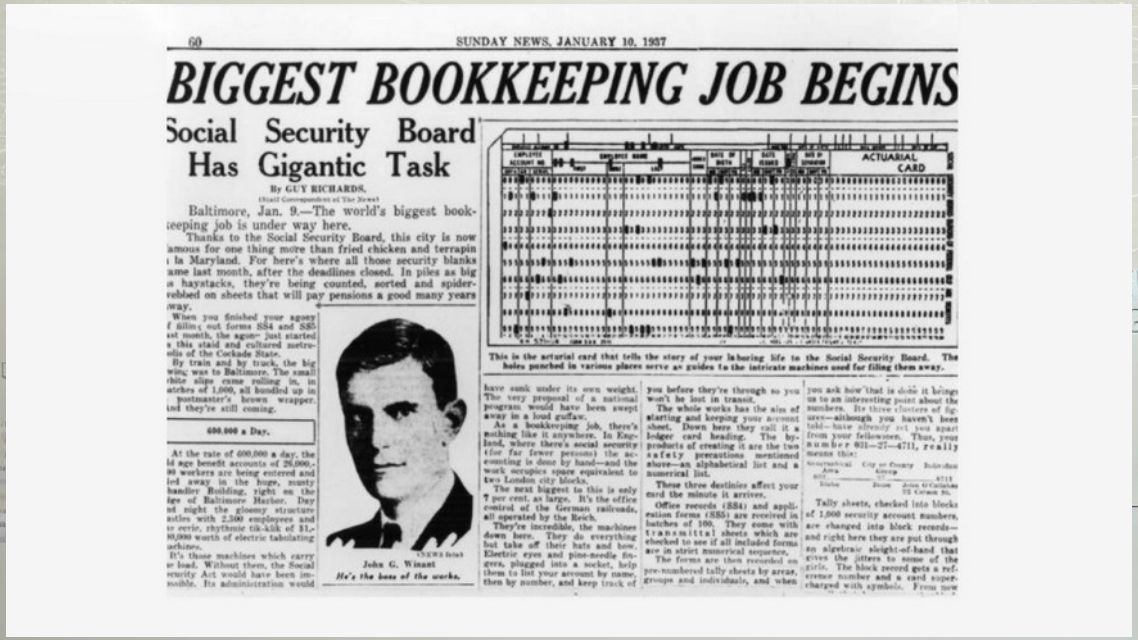




Hollerithen kontaketa makina (1890), IBM

Ordenagailuen aitzindariak...

eta gizartearen konputazioa



60 SUNDAY NEWS, JANUARY 10, 1937

BIGGEST BOOKKEEPING JOB BEGINS

Social Security Board Has Gigantic Task

By GUY RICHARDS.

Baltimore, Jan. 9.—The world's biggest book-keeping job is under way here.

Thanks to the Social Security Board, this city is now famous for one thing more than fried chicken and terrapin in Maryland. For here's where all those security blanks came last month, after the deadlines closed. In piles as big as haystacks, they're being counted, sorted and spider-webbed on sheets that will pay pensions a good many years away.

When you finished your agony of filling out forms 884 and 885 last month, the agony just started in this staid and cultured metropolis of the Cockade State.

By train and by truck, the big wing was to Baltimore. The small white slips came rolling in, in batches of 1,000, all bundled up in postmaster's brown wrapper. And they're still coming.

600,000 a Day.

At the rate of 600,000 a day, the old age benefit accounts of 26,000,000 workers are being entered and filed away in the huge, musty handler Building, right on the edge of Baltimore Harbor. Day and night the gloomy structure rattles with 2,300 employees and to eerie, rhythmic tik-tik of 51,000,000 worth of electric tabulating machines.

It's those machines which carry the load. Without them, the Social Security Act would have been impossible. Its administration would have sunk under its own weight. The very proposal of a national program would have been swept away in a loud guffaw.

As a bookkeeping job, there's nothing like it anywhere. In England, where there's social security (for far fewer persons) the accounting is done by hand—and the work occupies space equivalent to two London city blocks.

The next biggest to this is only 7 per cent, as large. It's the office control of the German railroads, all operated by the Reich.

They're incredible, the machines down here. They do everything but take off their hats and bow. Electric eyes and pins-needle fingers, plugged into a socket, help them to list your account by name, then by number, and keep track of you before they're through so you won't be lost in transit.

The whole works has the aim of starting and keeping your account sheet. Down here they call it a ledger card heading. The by-products of creating it are the two safety precautions mentioned above—an alphabetical list and a numerical list.

These three destinies affect your card the minute it arrives.

Office records (884) and application forms (885) are received in batches of 100. They come with transmittal sheets which are checked to see if all included forms are in strict numerical sequence.

The forms are then recorded on pre-numbered tally sheets by areas, groups and individuals, and when you ask how that is done it brings us to an interesting point about the numbers. Its three clusters of figures—although you haven't been told—have already set you apart from your fellowmen. Thus, your number 611-27-4711, really means this:

Tally sheets, checked into blocks of 1,000 security account numbers, are changed into block records—and right here they are put through an algebraic sleight-of-hand that gives the jitters to some of the girls. The block record gets a reference number and a card supercharged with symbols. From now

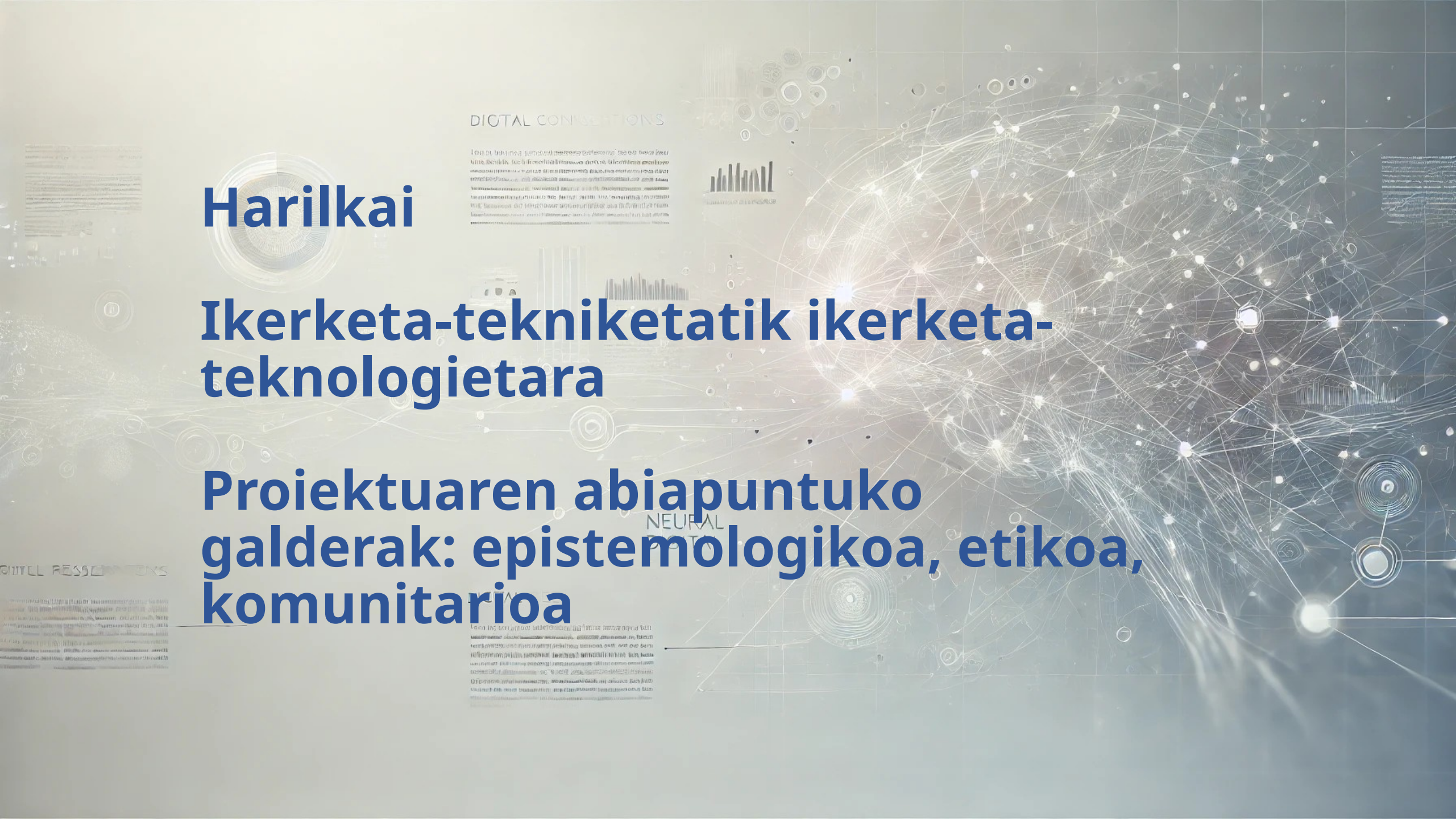
John G. Winant
He's the boss of the works.

This is the actuarial card that tells the story of your laboring life to the Social Security Board. The holes punched in various places serve as guides to the intricate machines used for filing them away.

The Birth of Social Security
https://www.ibm.com/history/social-security-act

IBM 077 Collator (1937)





Harilkai

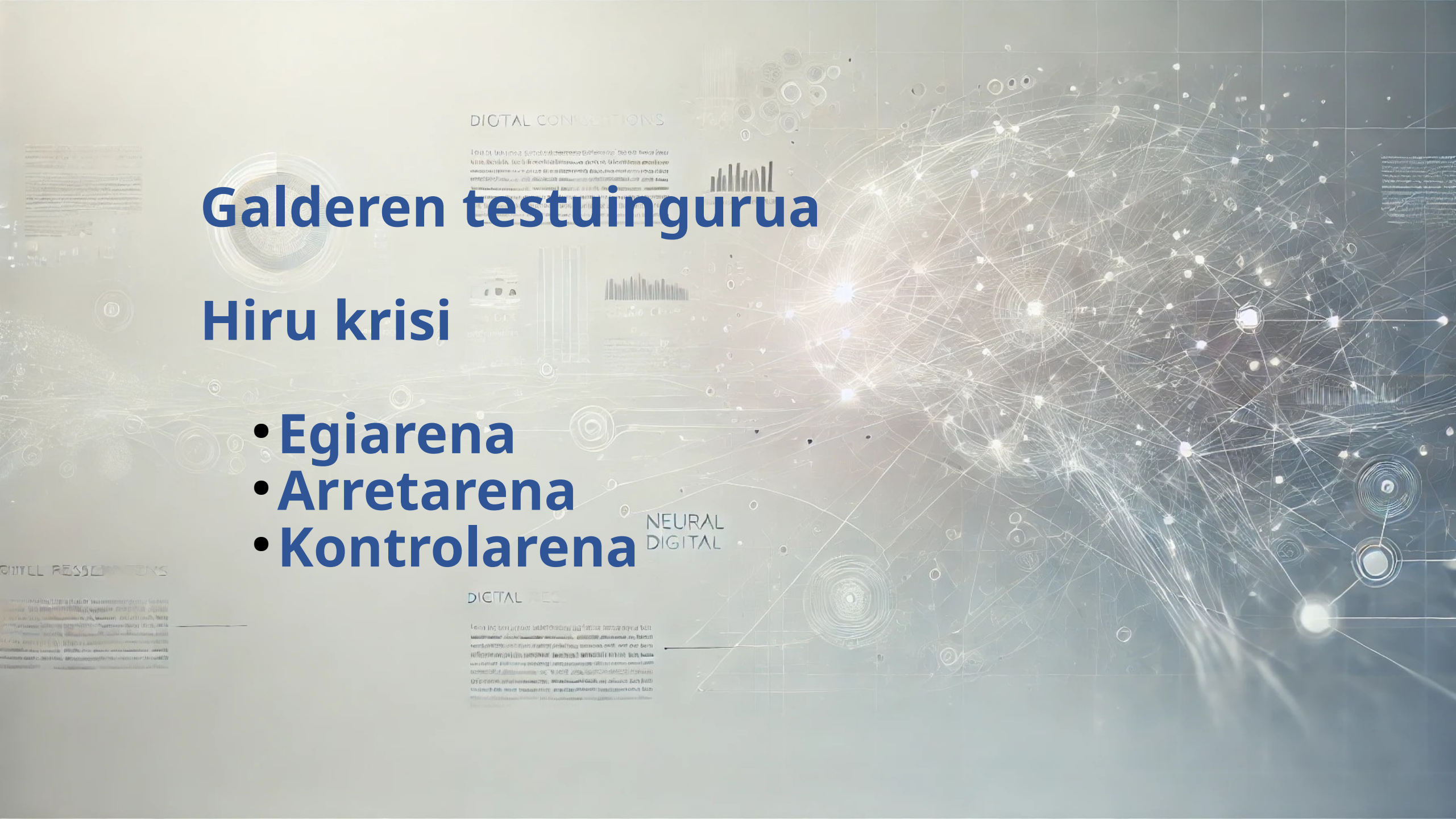
Ikerketa-tekniketatik ikerketa-teknologietara

Proiektuaren abiapuntuko galderak: epistemologikoa, etikoa, komunitarioa

Galderen testuingurua

Hiru krisi

- Egiarena
- Arretarena
- Kontrolarena



Galdera epistemologikoa: zein ezagutza mota ari garen sortzen?

Zientzi parametroak krisian (?).

Berregingarritasuna, argitasuna (gardentasuna), ulergarritasuna, esanguratsua, publikotasuna....

Galdera etikoa: datuen afera.

Ikerketaren eskakizun etikoak eta kontrol-galera: nora doaz gure datuak, nola sortzen ditugun...? ... nahiak eta ezinak.

Konfiantzaren krisia

Galdera komunitarioa:

Zein da gure (EHU) erantzukizun soziala, zein irizpide/arau ditugu gidari?

Gobernantza eta kontrolaren krisia

ALTAI

Assessment List for Trustworthy Artificial Intelligence (ALTAI) for self-assessment

- human agency and oversight
- technical robustness and safety
- privacy and data governance
- transparency
- diversity, non-discrimination and fairness
- environmental and societal well-being and
- Accountability

https://digital-strategy.ec.europa.eu/en/library/assessment-list-trustworthy-artificial-intelligence-altai-self-assessment

Balio etiko-epistemikoak

SILENCED VALUES (DATUAK ZAINTZE ETA KUDEATZEAN)

- Efficiency versus care
- Universality versus contextuality
- Impartiality versus positionality
- Model work versus data work

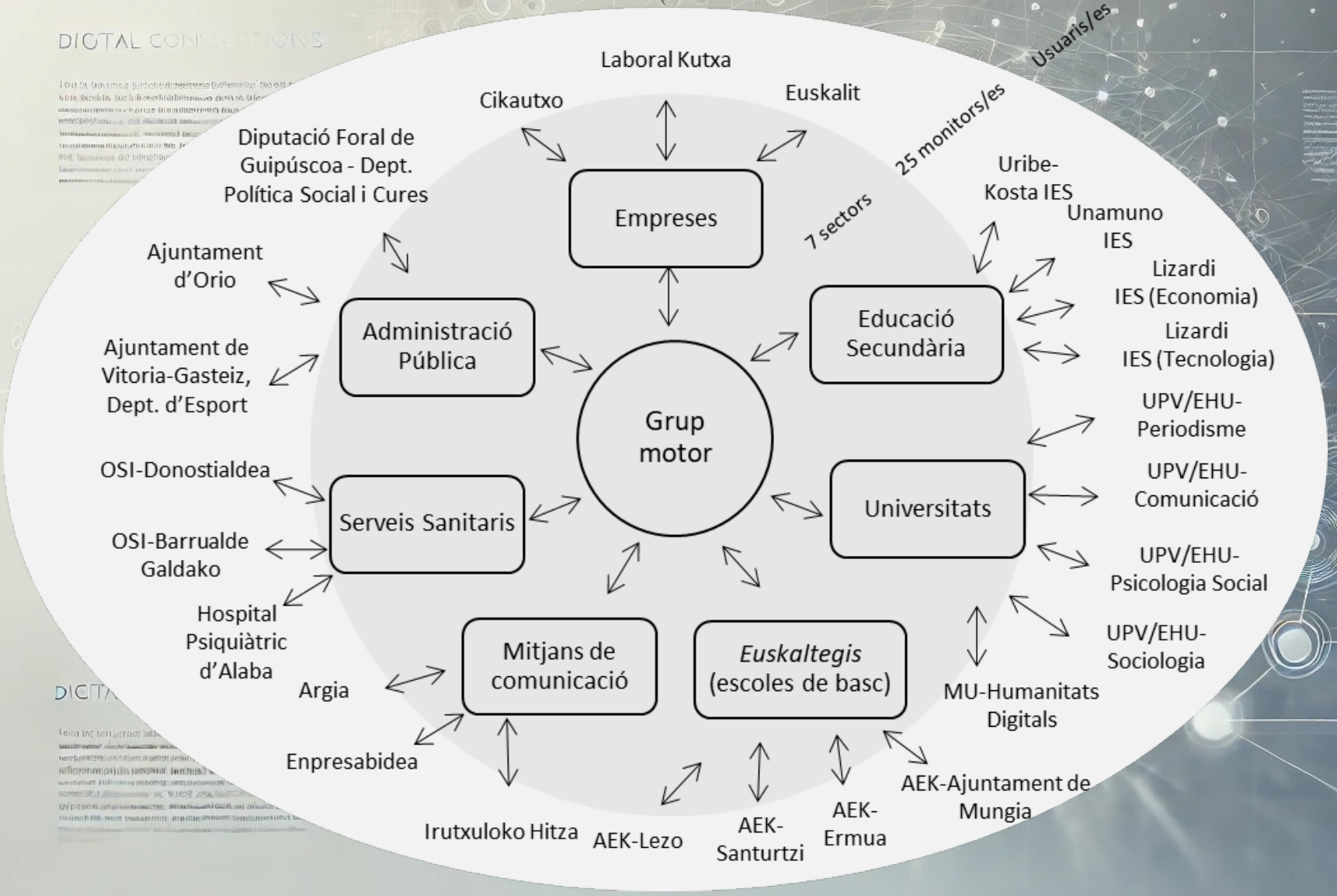
Do Datasets Have Politics? Disciplinary Values in Computer Vision Dataset Development

Morgan Klaus Scheuerman, Emily Denton, Alex Hanna

https://doi.org/10.48550/arXiv.2108.04308

Aurrekariak

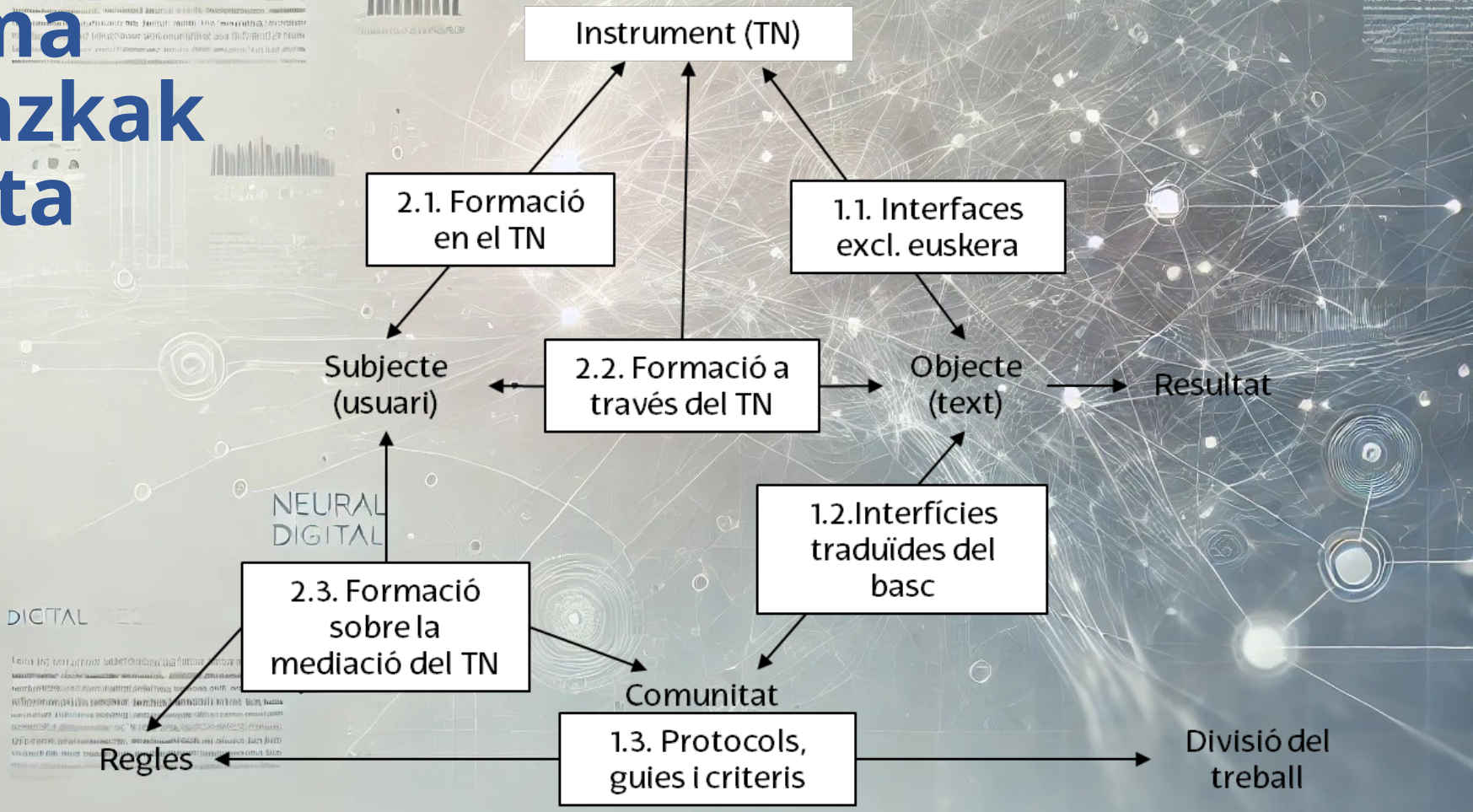
Itzulinguru



Iturria: Amezaga, A; Apodaka, E; eta Basurto, A (2026an argitaratzekoa). «L'ús dels traductors neuronals en la promoció de les llengües minoritzades: la Xarxa d'Experiències Itzulinguru», *Treballs de Sociolingüística Catalana*, 36

Aurrekariak

Jarduera-sistema
Tentsioak, gatazkak berrikuntzak eta egokitzapenak



Iturria: Amezaga, A; Apodaka, E; eta Basurto, A (2026an argitaratzekoa). «L'ús dels traductors neuronals en la promoció de les llengües minoritzades: la Xarxa d'Experiències Itzulinguru», *Treballs de Sociolingüística Catalana*, 36

Zertarako?

Gizarte eta komunikazio zientzien ikerketa eremura Adimen Artifizialean (AA) eta Hizkuntza Eredu Handienta (HEH) oinarritutako berrikuntza eta tresnak ekartzeko proiektu pilotoa, tentsio, gatazka eta egokitzapenak haztatuz

- OpenSource
- Euskara
- Esperimentazioa



Nola?

- OpenSource filosofia, praktikak, aplikazio eta plataformak
- Euskaraz, euskaratik eta euskarari
- EHU eta inguruko ekosistema sozialarekin elkarlanean
- Ikasketa-komunitatea osatuz
- Gizarte eta Komunikazio Zientzien fakultateko ikerketa-taldeak



HarilkAI
proiektuaren aurkezpena.
Gizarte eta Komunikazio Zientzietan adimen artifizialaren erabileren prototipatzea

Asier Amezaga Etxebarria, asier.amezaga@ehu.eus
Eduardo Apodaka Ostaikoetxea, eduardo.apodaka@ehu.eus



Engaiamendu praktikoa

- laborategi baten instalazioa izango du oinarri, azpiegitura partaideen eskura jarriz haien ikerketa eta irakaskuntza akademikoan lan egiteko.
- "komunen laborategia" (Corsín Jiménez, 2021), *opensource* filosofia eta hacker kulturako komunitate sarea osatuz

Engaiamendu etnografikoa

- laborategiaren instalazio-prozesuaren azterketa
- Diseinua zientzia eta teknologiaren kutxa beltza zabaltzeko praktika (Latour, 1987).
- Esperimentazioaren gaineko arreta (Ballestero eta Winthereik, 2021)
- azpiegituren oinarri epistemologiko eta ontologikoak agerian jarriko dituzte egokitzapenek (*affordance*) (Lupton, 2018).

Engaiamendu sozioteknikoa

- teknologia gogor eta bigunek elkarrekin jardun eta elkar engaiatu egiten dizutelako, agentzia banatua (Bennett, 2011)
- kontrobertsien kartografia (Venturini eta Munk, 2021) baliatuko da, laborategian ematen diren akats, zalantza etiko, zailtasun, tentsio, gatazka eta egokitzapenak aztertzeko
- azpiegitura sozioteknikoa hau kontrobertsiak probatzeko bitartekoa ere bada
- tresnek muga-objektu gisa jokatu ahalko dute, disziplina ezberdinak gurutzatu eta arlo desberdinetatik interesatzeko gaitasuna izango dute (Lupton, 2018).

Erreferentziak

- Ballestero, Andrea, eta Brit Ross Winthereik. 2021. «Analysis as Experimental Practice». Or. 1–12 in *Experimenting with ethnography: A companion to analysis*. Duke University Press.
- Bennett, Jane. 2022. *Materia vibrante: una ecología política de las cosas*. Buenos Aires: Caja Negra Editora.
- Corsín Jiménez, Alberto. 2021. "Autonomía Ethnographica. Liberal Designs, Designs for Liberation, and the Liberation of Design". Pp. 75–92 in *Designs and Anthropologies. Frictions and Affinities*, edited by R. M. Murphy and E. Y. Wilf. Santa Fe, CA: School for Advanced Research.
- Latour, Bruno. 1987. *Science in Action. How to Follow Scientists and Engineers through Society*. Harvard University Press. Cambridge, Massachusetts.
- Leigh Star, Susan. 2010. «This is not a boundary object: Reflections on the origin of a concept». *Science, technology, & human values* 35(5):601–17.
- Lupton, Deborah. 2018. 'Towards Design Sociology'. *Sociology Compass* 12(1):e12546. doi: 10.1111/soc4.12546.
- Lupton, Deborah, and Mike Michael. 2017. "'Depends on Who's Got the Data": Public Understandings of Personal Digital Dataveillance'. *Surveillance & Society* 15(2):254–68. doi: 10.24908/ss.v15i2.6332.
- Mark, Gloria, Kalle Lyytinen, and Mark Bergman. 2007. 'Boundary Objects in Design: An Ecological View of Design Artifacts'. *Journal of the Association for Information Systems* 8(11). doi: 10.17705/1jais.00144
- Venturini, Tommaso, eta Anders Kristian Munk. 2021. *Controversy Mapping: A Field Guide*. John Wiley & Sons.

Erabakiak eta eztabaidak

Erabilera

Elikagaiak (datuen afera)

Ekosistemara

Ekosistematik

Lokalean

Orain arteko ikaspenak/ondorioak

Arazoak eta kalteei buruzko ez-jakintza soziala
Eskala mugak
Monopolioak eta erakundeen ardura
Araudi gabeziak eta “eskuordetze etikoa”
Proiektu txiki-hurbilen beharra

- **ezintasunak ikasi (ikusten ez ditugun mugak ikusi),**
- **gaitasunak landu (ulertu eta egiten-jakiten ikasi),**
- **azpiegiturak sortu (txikitik eta elkarlanean: “guneetatik” nodoetara, sare txikietatik sare handietara: fedibertsoaren eredua).**