Empowerment 2 Review & Case studies
9 dec.

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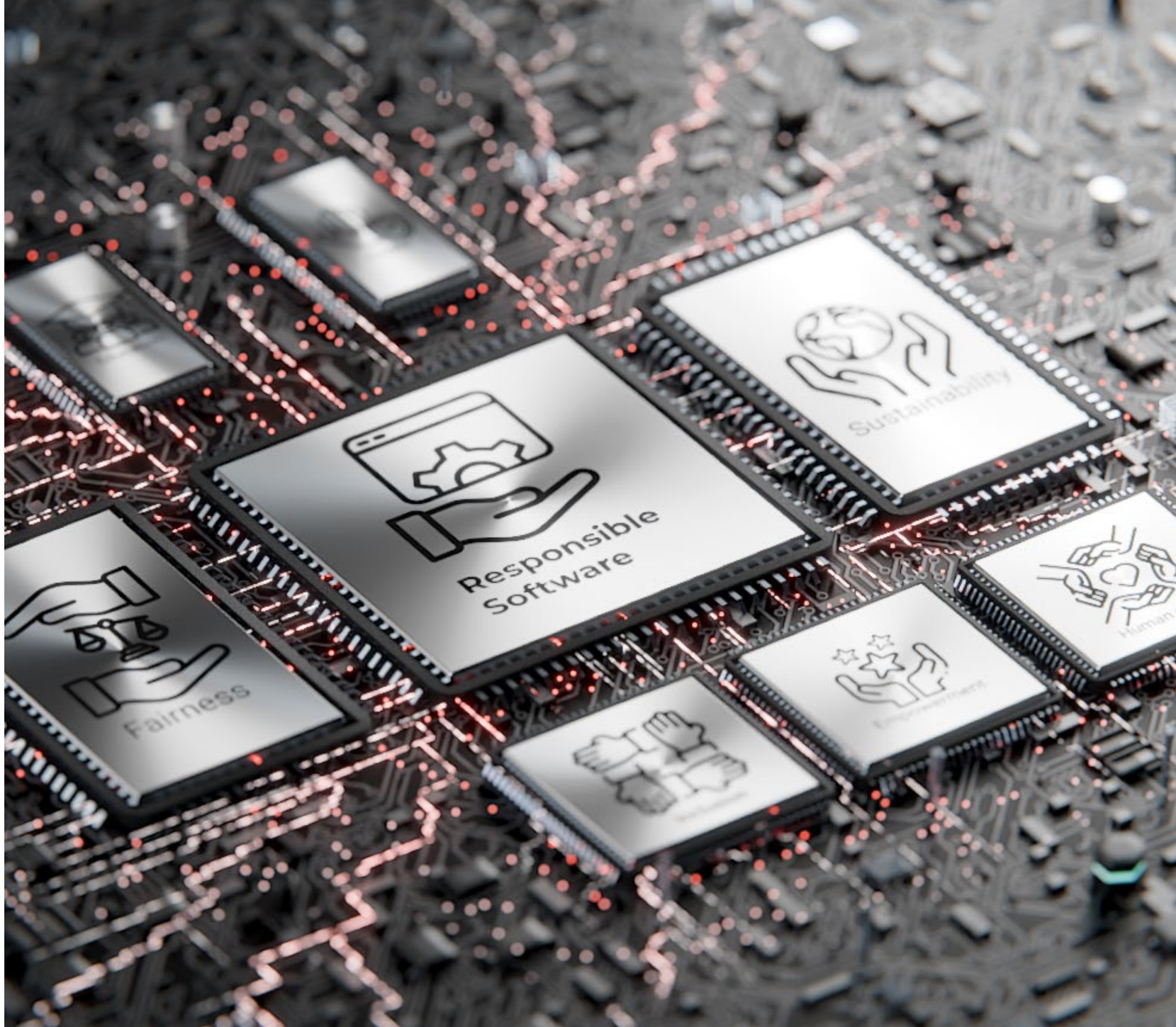
Responsible Software



Privacy policies

URL: ttpoll.eu
Session ID: cs290

Several studies have shown that the privacy policies of many online platforms and websites are extremely long (several thousand of words, taking in the 20 minutes to read on average), use legalistic terminology and are hard to navigate.

This can be said to be a transparency issue because (select all that apply):

a. Information is not accessible
b. Information is not understandable
c. Information is not relevant

(Sherman, 2024; Litman-Navarro, 2019)

Transparency and datasets - 1

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One of the results of your Bachelor thesis is a very cool dataset which contains tasting profiles and consumer reviews for 3197 unique beers from 934 different breweries. This dataset can be used to train machine learning models for sentiment analysis and classification tasks.
You want to make the dataset public.
For ensuring transparency you should also publish with it:
(select all that apply):

a. Descriptive statistics
b. Composition of the data, including demographics of people
c. Description of the collection process
d. Description of the pre-processing performed
e. Description of the purposes and intended use

Transparency and datasets - 2

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One of the results of your Bachelor thesis is a very cool dataset which contains tasting profiles and consumer reviews for 3197 unique beers from 934 different breweries. This dataset can be used to train machine learning models for sentiment analysis and classification tasks.
You want to make the dataset public.

The document you would need to attach to the dataset for best transparency is called:

a. A dataframe
b. A datasheet
c. A database
d. A statement of reasons

Transparency and ML - 1

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In the Fairness 2 notebook you have created a Logistic Regression model on the ProPublica dataset to try to reproduce how the COMPAS software predicts the risk of recidivism.

The logistic regression model you have created can be said to be (select 2 options):

a. Transparent
b. Opaque
c. Interpretable
d. Non interpretable (“black box”)

Transparency and ML - 2

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To have transparency on the ML model behind the COMPAS software would mean to have access to:

a. The design documentation
b. The user documentation
c. The code
d. The training dataset
e. A post-hoc interpretability method
f. It depends