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Abstract	
This deliverable provides pointers to the publicly accessible materials related to the RECANT demonstration system.	
Keyword(s):	Demonstration system, Exercises for bias awareness

Contents

1. About this Deliverable

This document provides the reviewer with pointers to the publicly available materials related to the RECANT demonstration system, which the DESCANT team has developed in WP5. Likewise, related materials have been developed in the context of WP6 through our engagement with stakeholders.

2. Demonstration System

It is increasingly easy for interested parties to play a role in the development of predictive algorithms, with a range of available tools and platforms for building datasets, as well as for training and evaluating machine learning (ML) models. For this reason, it is essential to create awareness among practitioners on the ethical challenges, such as the presence of *social bias* in training data.

In the context of DESCANT Work Package 5, we have developed RECANT (*Raising Awareness of Social Bias in Crowdsourced Training Data*), a tool that allows users to explore the behaviors of four biometric models -- predicting the gender and race, as well as the perceived attractiveness and trustworthiness, of the person depicted in an input image. These models have been trained on a crowdsourced dataset of passport-style people images, where crowd annotators described attributes of the images, and reported their own demographic characteristics. These experiments have been documented in D5.2 (*Analysis of algorithm performance in various training settings*).

With RECANT, users can explore the correct and wrong predictions made by each model, when we use different subsets of the data in training, based on annotator attributes. We present its features, along with sample exercises, as a hands-on tool for raising awareness of potential pitfalls in data practices surrounding ML. RECANT is publicly available at the CYENS website: https://recant.cyens.org.cy/ . It is also linked from the DESCANT project page: https://faire.cyens.org.cy/projects/descant/

3. Exercises for Awareness

Through the team's engagement with stakeholders who use crowdsourcing and/or crowdsourced datasets in WP6, we have developed a set of exercises to be used with the RECANT demonstration tool. The exercises have been piloted in our stakeholder roundtable activities (WP6) but also, with our students in the courses that we teach at our respective universities.

The exercises can be found within D6.2 (*Notes and materials generated from consultations with stakeholders*), which is available at the DESCANT project website: https://faire.cyens.org.cy/projects/descant/