

HumanE AI Net:

The HumanE AI Network

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Dissemination Level

PU Public

x

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DOCUMENT INFO

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0.2 Document History

Revision		
Date	Lead Author(s)	Comments
12.09.2023	GK	Initial template
28.09.2023	MC	Adding content
28.09.2023	GK	Final edits, prettifying



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EXECUTIVE SUMMARY

This document is the written companion of the real Deliverable, which was the content of the ACAI 2021 Springer Book.

1. INTRODUCTION

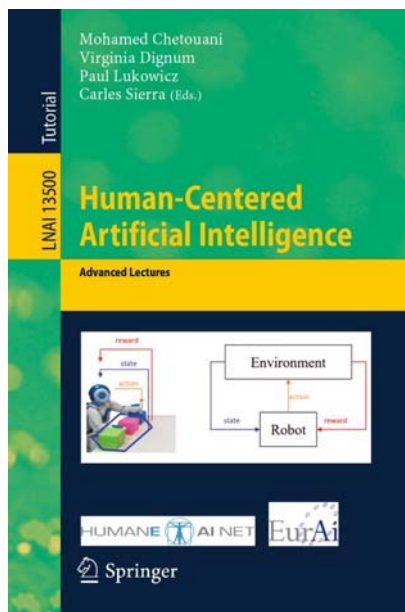
The HumanE AI Net scientific knowledge dissemination package is composed of:

- Organisation of schools: ACAI 2021 (Berlin, Octobre 2021, D8.3), 6th Summer school on Computational Interaction (Saarbrücken, June 2022), creartathon²² (Paris, July 2022, see D8.4)
- Organisation of the Dagstuhl Perspectives Workshop 2262, Human-Centered Artificial Intelligence (June 26 - Jul 01, 2022)
- Participation to the International Artificial Intelligence Doctoral Academy (AIDA) with the other Networks Networks of Excellence
- Organisation of the International Conference on Hybrid-Human AI conference: HHAI (D8.5)

The consortium continues its efforts in participating in AIDA activities.

In 2023, the consortium decided to consider the organisation of a series of the International Conference on Hybrid-Human AI conference. HHAI 2023 was organised in Munich (June 26-30). HHAI 2024 is organised in Malmö, Sweden (June 10-14).

2. HUMAN-CENTERED ARTIFICIAL INTELLIGENCE: ADVANCED LECTURES



As described in D8.7, 2022 and 2023 were dedicated to the extension and improvement of lectures given at ACAI 2021.

The result is a publication of a Book with Springer as part of the Tutorial Series.

This volume contains 21 tutorial chapters organised according to the following themes: human-centered AI; human-centered machine learning; explainable AI; ethics, law, and the societal aspects of AI; argumentation; and social simulation. The contributions include learning objectives, reading lists, and links to further resources.

§



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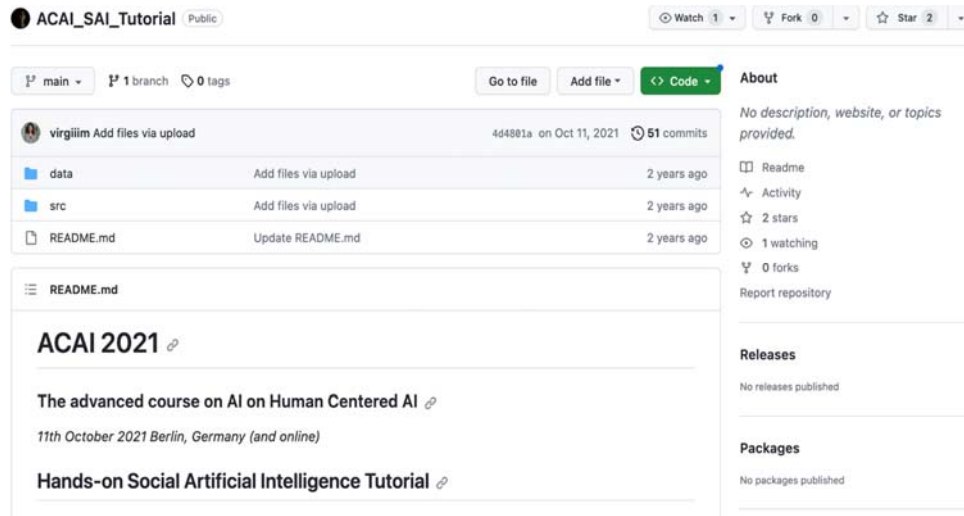
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The lectures also shared several resources including Notebooks, Source codes and databases through Github:



ACAI_SAI_Tutorial Public

Watch 1 Fork 0 Star 2

main 1 branch 0 tags

File	Commit Message	Time
data	Add files via upload	2 years ago
src	Add files via upload	2 years ago
README.md	Update README.md	2 years ago

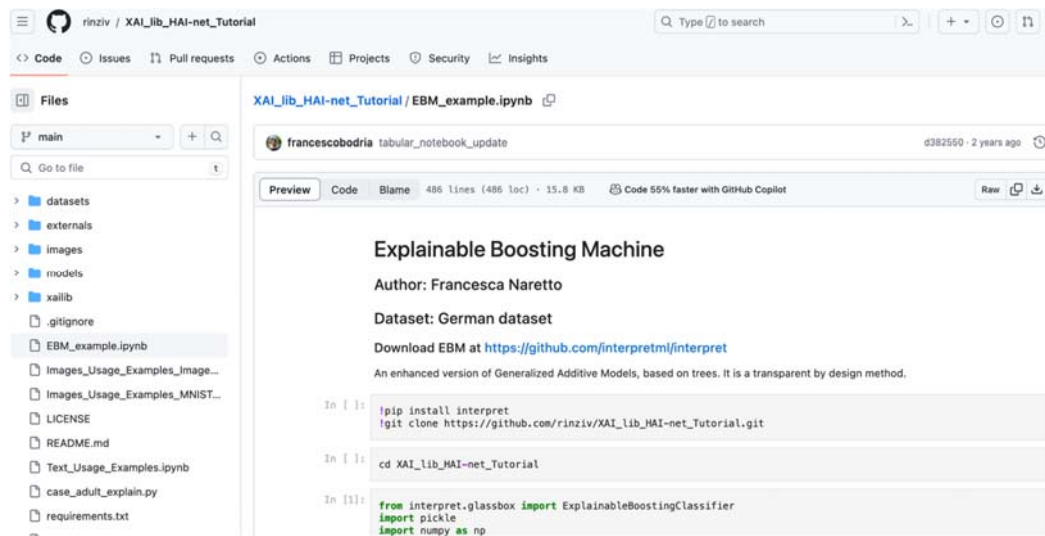
README.md

ACAI 2021

The advanced course on AI on Human Centered AI

11th October 2021 Berlin, Germany (and online)

Hands-on Social Artificial Intelligence Tutorial



rinziv / XAI_lib_HAI-net_Tutorial

Code Issues Pull requests Actions Projects Security Insights

Files

- datasets
- externals
- images
- models
- xaiib
- .gitignore
- EBM_example.ipynb
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- LICENSE
- README.md
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- requirements.txt

XAI_lib_HAI-net_Tutorial / EBM_example.ipynb

francescobodria tabular_notebook_update

Preview Code Blame 486 Lines (486 loc) · 15.8 KB Code 55% faster with GitHub Copilot

Explainable Boosting Machine

Author: Francesca Naretto

Dataset: German dataset

Download EBM at <https://github.com/interpretml/interpret>

An enhanced version of Generalized Additive Models, based on trees. It is a transparent by design method.

```
In [ ]: pip install interpret
        git clone https://github.com/rinziv/XAI_lib_HAI-net_Tutorial.git

In [ ]: cd XAI_lib_HAI-net_Tutorial

In [ ]: from interpret.glassbox import ExplainableBoostingClassifier
        import pickle
        import numpy as np
```

The resources are made available for ACAI 2021 participants and HumanE AI NET on the consortium website:



ALL EVENTS

ACAI 2021

The advanced course on AI on Human Centered AI

11-14 October 2021 Berlin, Germany and online

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Free textbook materials

Check the free online access to the eBook conference proceedings for conference members and enjoy the **Human-Centered Artificial Intelligence Advanced Lectures**.

