Thesis on Open Sciene and data - Title WIP

Raoul Bruens

Table of contents

Abstract

Lorum ipsum.

Chapter 1

Introduction

Chapter 2

Open Science and Science for Policy

2.1 Open Software/Hardware

2.2 Trustworthy/explainable AI

2.3 Woo/wob, Open Overheid

2.3.1 Country comparison on E-gov standards and practices?

2.4 Inclusive participation

2.4.1 Scope (what cases and respective stakeholders does/can this apply to) / Stakeholder analysis (requirements)

2.4.2 Citizen science and participation

Chapter 3

Robust Incident Handling

Chapter 4

Steps within a Data Science process and their biases

4.1 Data acquisition

4.2 Data filtering and selection

4.3 Algorithmic development/implementation

4.4 Algorithmic application

4.5 Results handling

Chapter 5

Requirements (engineering)

5.1 What have you learned from [policy/open science], [social safety] and [data processes] that we can translate into a set of requirements (for what)?

5.2 What platform could facilitate the above-stated requirements? What would need to be made/adjusted/fine-tuned to be able to meet all/most requirements?

Chapter 6

Application on existing processes'

6.1 TBD case

Chapter 7

Proof of concept by example

7.1 Own process with sample data, own stakeholder. Try to cover as many requirements as possible. WIP0

Chapter 8

Results and conclusion