

Thesis on Open Sciene and data - Title WIP

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## Abstract

Lorum ipsum.

## Introduction

## Open Science and Science for Policy

Open Software/Hardware

Trustworthy/explainable AI

Woo/wob, Open Overheid

Country comparison on E-gov standards and practices?

Inclusive participation

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

Citizen science and participation

## Robust Incident Handling

What is it / Context

Example: Air Safety Investigation

Example: Food and Drug Administration (w.r.t. restaurant hygiene inspections)

Example: Software development principles

## Steps within a Data Science process and their biases

Data acquisition

Data filtering and selection

Algorithmic development/implementation

Algorithmic application

Results handling

## Requirements (engineering)

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

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?

Application on existing processes'

TBD case

## Proof of concept by example

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

## Results and conclusion