Weekly Work Report For CSAI4SG
Group 7

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1   Overview

In course of this seminar we are going to:

- Present the paper Efficient Poverty Mapping using Deep Reinforcement Learning
- Work on a project yet to be defined

2   Team Progress for the week

As a team we achieved:

1. We set up means for communication via Discord
2. First group meeting on the 10 November:
   - Discussing the topic of the paper. It seems necessary that we we also read through the most referred paper Generating Interpretable Poverty Maps using Object Detection in Satellite Images, which was publish by the same authors in 2020.
   - The members agreed on using data from https://www.opendata.bs.ch/.
   - Scan through available data and looking for hypothesis and questions that could be addressed.
3. Some project ideas that are not possible due to lack of data:
   - Analysis of Ritalin usage, as the newest data are from 2013
   - The environmental water data from Rhein are missing for the years 2019 and 2020. Thus, any Covid related analysis of drag abuse is not possible.

3   Individual Progress

3.1   Michelle Bösiger

- Read the paper and wrote down a few questions to that paper
- Searched for a project using the open data portal.

3.2 Erind Shima

- Read the paper.
- Searched for a project idea, looking at the various data offered by the portal.

3.3 Reto Krummenacher

- Read the paper.
- Changing the weekly report template provided to serve our needs.
- Search for a project using the open data portal.

Michelle Bösiger	Erind Shima	Reto Krummenacher