
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](#)
- Project: Analysis of traffic intensity and car park usage in Basel since 2019

2 Team Progress for the week

This week the members were working on their own either on the project or the paper.

3 Individual Progress

3.1 Michelle Bösiger

- Successfully set up the Jupyter Notebook and Miniconda along with the necessary packages.
- Joined the GitHub repository created by Reto Krummenacher.
- Gone through some Python lessons given by Marcel Lüthi and wrote some Python code.

3.2 Erind Shima

- Joined the GitHub repository, created by Reto Krummenacher.
- Downloaded all the needed stuff about the Jupyter Notebook, which will be used for the project.
- Checked some Python lessons and file as introduction to the programming language.

3.3 Reto Krummenacher

- Set up the Jupyter Notebook with Conda with all necessary packages.
- Write README.md file with explanations on how to set up the environment for the project. The package `OSMnx` for working with OpenStreetMaps needs special treatment and can't just be installed.
- First Python codes for the project:

- Import data and get first impression.
- Use the maps from OpenStreetMap as HTML.
- First plots of traffic intensity for all counting spots.
- Some explanation on how to use the Github repository and Jupyter Notebook with Python to the other group members.

Michelle Bösigler Erind Shima R. Krummenacher

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