



Public Transport Rating

Switzerland has a very well connected public transport system with around 25.000 tram, bus and train stations. There are many possible ways to get from A to B. Generally, we want the fastest route with the smallest number of transfers. Nowadays, it's quite convenient to use the SBB app and you don't have to consult the timetable anymore. But from this app you only get the best connections between these two points. If you are looking for an apartment, the public transport connections can be important for the decision where to live (e.g. average time to big cities, cinemas, restaurants, shopping). Currently, getting this information involves a lot of manual work since you have to query many different destinations.

The goal of this thesis is to come up with new ways of evaluating the quality of the public transport connection at a location. The timetable data is publicly available. We have some ideas on how to approach this task, but we would love to hear your take on this as well! Previous work is also available which will make it easier to start. If this sounds interesting to you, do not hesitate to contact us so we can have a chat.

Requirements: Creativity and programming skills are an advantage. There will be weekly meetings with your supervisors to discuss progress and open questions.

Interested? Please contact us for more details!

Contacts

- Gino Brunner: gino.brunner@tik.ee.ethz.ch, ETZ G63
- Simon Tanner: simon.tanner@tik.ee.ethz.ch, ETZ G97

