Tourism Recommender Systems
Julia Neidhardt (TU Wien, Austria)

Please find the **slides** here:
http://ec.tuwien.ac.at/neidhardt/RecSys19_Summer_School_Slides_Neidhardt.pdf

To get an overview of current research issues in the context of tourism recommender systems, you can take a look at last years' and current proceedings of the Workshop on Recommenders in Tourism at ACM RecSys:
- RecTour 2019 Proceedings: http://ceur-ws.org/Vol-2435/
- RecTour 2018 Proceedings: http://ceur-ws.org/Vol-2222/
- RecTour 2017 Proceedings: http://ceur-ws.org/Vol-1906/
- RecTour 2016 Proceedings: http://ceur-ws.org/Vol-1685/
- TouRS 2015 Proceedings:
  http://deim.urv.cat/~itaka/workshops/recsys2015/Files/ProceedingsTouRS15.pdf

For the hands-on part:
- Please install Python (3.6+) on your laptop together with the following packages:
  - Jupyter
  - Numpy 1.16.4 +
  - PyTorch 1.2.0 +
  - Torchvision 0.4.0 +
  - Matplotlib 3.1.1 +
  - Pillow 6.1.0 +
  - Plotly 4.0.0 +
  - Pandas 0.25.1 +

For convenience, you can use conda. Install conda by following https://www.anaconda.com/distribution/

Create an own environment and install the packages, e.g.:
conda create -n recsys_summerschool python=3
conda activate recsys_summerschool (or: *source activate recsys_summerschool*)
conda install jupyter
conda install numpy
conda install pytorch torchvision -c pytorch
conda install matplotlib
conda install pillow
conda install plotly
conda install pandas

- Download recsys_summerschool_v2.zip from:
https://owncloud.tuwien.ac.at/index.php/s/sUD3XTqyuTflK7N

- Open *handson.ipynb*