University of Basel

Department
Biozentrum

DCC Seminar and Training Series

NLP-powered mapping of clinical reports onto SNOMED-CT concepts for tumour classification (NLPforTC).

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Clinical information of routine care in a hospital is often captured as unstructured text. Most analysis, reporting, decision and alert systems however require structured and coded information.

The NLPforTC project applies natural language processing methods to extract and convert information entailed in radiology, pathology and oncology reports into structured and coded form.

We aim to set up a platform based on open source python libraries and run a concrete example on it, namely extract Tumor-Node-Metastasis information and its underlying information from medical reports of patients diagnosed with cancer. The extracted information should be converted into SNOMED-CT terms, an international recognized medical terminology. The presentation will give insight into the current state of the project and the tasks that have to be mastered.

Date: **Monday, 20 May, 2019**

Time: **16:00 – 17:00**

Room: **Pharmacenter, Hörsaal 2, Klingelbergstrasse 50, Basel**

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