Workshop in Data Management

Course type: workshop

Extent: two hours per week

Website: MOODLE

Outcomes: In this course, we will focus on the usage of large online knowledge bases with data management tools such as databases and relevant software packages. Throughout the semester, the students will work in teams in order to design and develop applications that extract, analyze and creatively use data.

Contents: We will get acquainted with freely available, online knowledge bases along with tools for data management and application development. We will discuss code design and effective data usage, and will review the work of the teams along the different stages of development.


**Requirements:**

**Prerequisites:** first year courses, database systems (89-851) or databases (89-281) or in parallel

**Assignments and other duties:** attendance in class, submitting the final project as well as presenting it in class at different stages

**Grade:** 100% final project (including all stages)

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**Bibliography:**

Will be announced at the beginning of the semester.