

Project #9: Develop a new application based on open data

Idea: Create or extend an application that is based on openly available data, for example using data from the City of Vienna, ourworldindata.org or gapminder.org.

Goals:

- Create a new application that uses openly available data
- Learn about data integration, processing, and visualization
- Learn about open data resources

Difficulty: Easy-Medium

Subjects: open data, open government, open software

Deliverables:

- Source code on GitHub
- Data visualization, report

Requirements and costs:

- Basic programming and data visualization skills

Milestones:

1. Research available tools, platforms, and datasets
2. Design and create/extend a new application based on these data
3. Experiment with new visualization of different datasets
4. Publish/document the results

Estimation:

References:

- <https://digitales.wien.gv.at/site/open-data/>
- <https://www.gapminder.org/data/>
- <https://ourworldindata.org>
- <https://data.worldbank.org/>



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