

3 Interactive Visualization Website

Abstract

To make your project accessible to a wider audience, your task is to create an interactive website with your graphs.

3.1 What does your website need to contain?

Elements	
<ul style="list-style-type: none">• Homepage• Navigational menu• A section or page per research question• Interactive visualisations that answer the research question. Short text sections that provide the necessary context• Imprint (if uncomfortable give university details)	

3.2 How many graphs must be included?

Requirements	
<ul style="list-style-type: none">• At least one interactive graph must be included for each research question• Interactive: at least one parameter can be changed dynamically. This can be a defined axis or a selection of the contained data, or selecting visualised feature etc.• Several visualisations per research question may also be provided (maximum 5)• At least four different graph types must be used throughout the project. (word cloud, network, pie chart, scatter plot, etc.).	

3.3 Realisation

Hosting

- You are free to choose which server you use for hosting
- It is up to you which programming language you use for the design of your website
- It is up to you how you integrate the backend of your website
- We will show you an example of the way by means of a **SQLite Datenbank, Python, Plotly and Render** You can find the code in this repository:
<https://github.com/miriskalt/DSExample>