

## Agenda for “Data Influencers 2”, for teenagers aged 11-15 (2h)

<b>Motivation &amp; Critical Thinking</b>	Critical Thinking: Introduce the topic of data visualization by showing some misleading graphs / discuss the difference of causation and correlation (see slides). This should also serve to capture the participants’ interest.	10 min
<b>Data</b>	Theoretical Input: Introduction to data and data science pipelines, based on the slides. Encourage interaction with participants by asking questions, and let them share their knowledge.	15 min
<b>Interactive Data Collection and Visualization</b>	Group Activity: Collect data on participants’ social media use and visualize in Google sheets.	20 min
<b>Break</b>		10 min
<b>Climate Change &amp; Visualization Examples</b>	Theoretical Input: Introduction to climate change and exemplary data visualizations from social media, based on the slides. Encourage interaction with participants by asking questions, and let them share their knowledge.	15 min
<b>Projects</b>	Hands-On Projects: Participants choose from the prepared data projects (see below) and work on them individually or in small groups. They also prepare posters to present their results.	30 min
<b>Presentation of Results</b>	Group Activity: Participants (grouped by their selected projects) present their results.	15 min
<b>Wrap-Up</b>	Wrap up the workshop with a quick feedback round, answer any questions that have come up and highlight again the importance of data visualization.	5 min

**Slides:** Data-Influencers\_Slides\_German.pptx

**Projects:**

- Food
- Travel