

Agenda for “Data Influencers 1”, for teenagers aged 15-16 (1.5h)

Data	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.	10 min
Interactive Data Collection and Visualization	Group Activity: Collect data on participants’ social media use and visualize in Google sheets.	20 min
Climate Change & Visualization Examples	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.	20 min
Projects	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. Projects can be adapted to participants’ age and capabilities (e.g., in- or excluding data preparation steps).	30 min
Critical Thinking	Critical Thinking: Discuss misleading graphs and how they could be improved.	10 min

Slides: Data-Influencers_Slides_German.pptx (switch order around as needed)

Projects:

- Food
- Travel