DataViz-Project (Plan)

Group First and last names of all group members	• Dario Geiser • Tarik Topalovic • Luigi Palese • Cédric Feuz
Topic • What should be the focus of the data visualization/project? • Which aspects should be addressed? • Which question(s) should the visualization answer?	**Focus of the data visualization/project**: Analyzing and exploring the most captured objects and scenes by network cameras distributed globally. **Aspects to be addressed**: Identification of the most frequently captured objects, trends in image content by regions and times of day. **Questions to be answered**: What objects or scenes are most frequently captured by network cameras worldwide? How do captured scenes variants by region and time of day? Are there unexpected patterns or trends in the image data?
Message What is your key message?	Network cameras provide valuable insights into the visual patterns of our planet, revealing global and regional trends in real time.
Title What title could the data visualization have?	What Network Cameras Reveal About Our World
Publication Medium Where could the data visualization(s) be published?	Digital web presentation using Quartu, possibly with an integrated Streamlit widget as an interactive dashboard.
Target group(s) Which target group(s) do you want to reach? → Personas	- Data scientists and analysts - Students and academics in the fields of visual arts and data visualization - The public interested in technology and surveillance technologies.

Visualizations • How many visualizations are needed? • Which type(s) of visualization are suitable?	**Number of visualizations needed:** At least five main visualizations. **Suitable types of visualization**: Interactive maps to show the geographic distribution of cameras and tags. Maybe with filter functions. Bar charts and pie charts to display the frequency distribution of objects. Time-based graphs to analyze changes over times of day and seasons. Heatmaps to show the frequency of specific tags in different regions.