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DataViz-Project (Plan)

Group First and last names of all group members	• Victoria Hummel • Gianmaria Pallecchi • Leonard Augustus Kieffer
Topic • What should be the focus of the data visualization/project? • Which aspects should be addressed? • Which question(s) should the visualization answer?	Focus: Creating an interactive visualization map that displays the distribution of various types of livestock, such as cattle, dogs, sheep, and horses, in Swiss communes. Aspects to Address: The geographical distribution and density of different livestock types. Comparisons of livestock populations between different communes and cantons. Changes in livestock numbers over time. Questions to Answer: What are the most common types of livestock in each Swiss commune? How do livestock populations vary geographically within Switzerland? Is there a correlation between human and livestock population in swiss communes?
Message What is your key message?	The key message of the visualization is to showcase the diversity and distribution of livestock across Switzerland, highlighting the significance of livestock to rural economies and cultural landscapes.
Title What title could the data visualization have?	**Swiss Livestock Landscape: An Interactive Communal Map**
Publication Medium Where could the data visualization(s) be published?	The visualization would be published on a dedicated but simple web-based interactive dashboard, potentially hosted on an educational or governmental platform to ensure accessibility for all audiences.
Target group(s) Which target group(s) do you want to reach? → Personas	Agricultural professionals and policymakers interested in livestock management. Educational institutions for research and learning purposes. General public with an interest in agriculture or Swiss geography. Persona: "Lukas, a Swiss agricultural policy advisor, looking for detailed livestock distribution data to aid in decision-making.

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Visualizations	Number Needed: Multiple visualizations integrated into a single, interactive map interface.
• How many visualizations are needed? • Which type(s) of visualization are suitable?	Types Suitable: Choropleth maps for geographical distribution. Pie charts or bar graphs for displaying livestock types within each commune when selected. Infographics to convey quick facts and statistics.

As a rough reference:

https://tierstatistik.identitas.ch/de/cattle-map-canton.html

ie Ergebnisse anzuzeigen.

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○ Swisstopo

○ Swisstopo Grau

● Orthofoto

○ Landwirtschaftliche Zonengrenzen BLW

☑ Kantonsgrenzen

☑ Rinder

☐ Rinder pro km2

☐ Rinder pro 100 Einwohner

☐ Die 5 beliebtesten Rassen

☐ Die 5 beliebtesten Namen

Kanton Schwyz

Rinder 39525

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