

Diary Study Overview

Hi!

This diary study aims to gather deeper insights into your interactions with the DataWeaver tool for creating data-driven narratives. By documenting daily tasks, challenges, and successes, you will help identify pain points, assess usability, and explore the potential for improving the tool's features.

Your participation will play a critical role in shaping the future of DataWeaver. Please ensure your logs are detailed and attach any relevant screenshots or outputs. Thank you!

Participant Instructions

Objective: Engage with DataWeaver for a minimum of 20 minutes daily, using the tool to explore datasets, generate visualizations, and author data narratives.

Duration: 1 week.

Tutorial video: [link](#)

Tasks: Use the tool's core features (e.g., vis-to-text, text-to-vis workflows, data fact generation). Record detailed reflections on your experience for each session.

Datasets:

Example 1 (Gapminder) Dataset:

- [Dataset 1](#): This dataset includes data on 142 countries with attributes such as continent, life expectancy, population, and GDP per capita.
- [Dataset 2](#): The dataset contains GDP per capita data, spanning multiple years (from 1960 onward) for various countries and regions, with 267 columns and 64 rows. Each column represents either a country/region or a specific group (e.g., continents), while rows indicate GDP per capita values for each year.

Example 2 (Movie) Dataset:

- [Dataset 1](#): The dataset contains details of top-rated (IMDB) movies, including attributes like title, release year, genre, IMDb and Metacritic ratings, runtime, director, lead actors, and gross revenue.
- [Dataset 2](#): This dataset summarizes dataset 1 by genre, including their average IMDb ratings, gross earnings, and counts.
- [Dataset 3](#): This dataset tracks the evolution of top-grossing movies across nine decades, showing how many movies from different genres were among the top earners during each period.

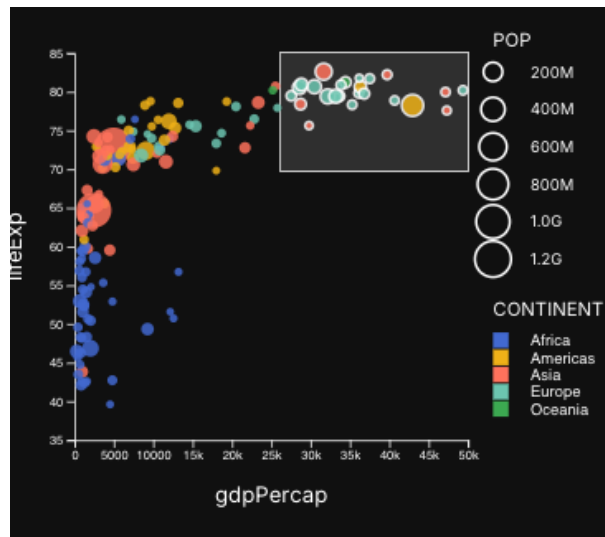
- [Dataset 4](#): The dataset lists the top 20 directors by average IMDb rating, showing their movie count, titles, and individual ratings.

Feel free to explore datasets relevant to your interests.

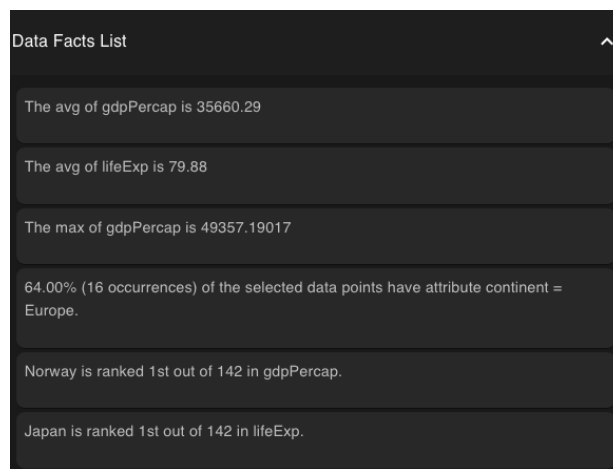
Output: Log your reflections, screenshots of outputs, and thoughts on its utility and usability.

Screenshot example:

Visualization:



Data Facts List:



Generated Narrative:

In the scatterplot, the economic pulse of African countries is juxtaposed against global benchmarks, with Europe accounting for 64.00% of the selected data points in the brushed region. This region, characterized by an average GDP per capita of 35,660.29 and an average life expectancy of 79.88, highlights the economic disparity. Notably, Norway leads with the highest GDP per capita at 49,357.19, while Japan ranks first in life expectancy. The absence of Europe in the broader context of African economic challenges underscores the distinct economic landscape.

Story:



Daily Logging Template (copy this for each of the seven days)

Day 1

Date:

Duration:

Tasks Attempted

What did you try to accomplish today?
Which dataset(s) did you use?

Interactions

What features or workflows did you use? (e.g., data fact selection, narrative generation, visualization recommendations).
Did you start with text or visualizations?

Outputs

Final Reflection

At the end of the study week, provide an overall summary of your experience with DataWeaver:

General Impressions

How effective was DataWeaver for creating data-driven stories?
Which features did you find most valuable?

Strengths

Highlight the tool's key benefits.

Areas for Improvement

Summarize any recurring challenges or limitations you observed.

Future Recommendations

Suggest any additional features or enhancements that could make DataWeaver more powerful or user-friendly.

Overall Rating

On a scale of 1-10, how would you rate DataWeaver for usability, functionality, and overall experience?

