

1. Global Climate Change

Dataset: Climate Change: Earth Surface Temperature Data

Link:

<https://www.kaggle.com/datasets/berkeleyearth/climate-change-earth-surface-temperature-data?form=MG0AV3>

Why It's Interesting:

This topic is interesting for the reason that it is one of the main issues everyone faces, through the provided dataset it provides an opportunity for my group to analyze the trends in climate change.

How Data Visualization Can Make It Pop:

- Interactive Heatmaps
- Animated Maps

2. Movie Industry Trends

Dataset: TMDB 5000 Movie Dataset

Link: <https://www.kaggle.com/datasets/tmdb/tmdb-movie-metadata?form=MG0AV3>

Why It's Interesting:

The topic is interesting for the reason that through the given data set trends can be visualized according to the different factors such as genres and budgets.

How Data Visualization Can Make It Pop:

- Genre Popularity Over Time
- Budget vs. Revenue Scatter Plots

3. COVID-19 Pandemic Impact

Dataset: 🧑‍🎓 COVID-19 Impact on Digital Learning 📺: EDA + W&B

Link: [kaggle.com/code/ruchi798/covid-19-impact-on-digital-learning-eda-w-b/notebook](https://www.kaggle.com/code/ruchi798/covid-19-impact-on-digital-learning-eda-w-b/notebook)

Why It's Interesting:

The topic is interesting for the reason that it had a very significant impact on the different processes in the world, one major thing would be educational practices.

How Data Visualization Can Make It Pop:

- **Line chart to show trend in digital learning**
- **Bar charts to compare digital learning metrics based on different factors**