**Project Brief**

This project will use a dataset comprising approximately 120,000 artworks scraped from WiKiArt. The columns of the dataset are style, artwork name, artist, date, and links to images. The artworks span from 3050 BC to 2021.

The project will include two parts.

The first part aims to understand the trends in art styles and artworks. I want to use natural language processing to analyze the artwork names, hence understanding 1) the most common topics/themes in art that transcended time (if any), 2) how these topics evolve across different eras, and 3) the commonalities/differences among various art styles.

The second part will focus on developing a recommendation system. I plan to use the links to download compressed images of artworks and apply computer vision techniques. Users will be able to select artworks they prefer, and the recommendation system will recommend similar artworks.

Link to dataset: <https://www.kaggle.com/datasets/antoinegruson/-wikiart-all-images-120k-link>

Dashboards:

* Streamlit (easier version of streamsync)
* Streamsync: https://www.streamsync.cloud/