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**Data:**

In the “data” folder, there are four CSV files: “total\_comments.csv”, “total\_comments\_preprocessing.csv”, “sentiment\_analysis.csv”, and “Nashville\_sentiment\_analysis.csv”.

* The “total\_comments.csv” file contains raw data of comments that were scraped from Reddit using PRAW.
* The “total\_comments\_preprocessing.csv” file contains cleaned data after preprocessing methods were applied.
* The “sentiment\_analysis.csv” file contains sentiment analysis scores of the posts generated by the Empath tool.
* The “Nashville\_sentiment\_analysis.csv” file contains sentiment analysis with emotions scores of the posts generated by the Empath tool.

**Individual Posts Data:**

This folder contains the data of the individual posts and their comments. These are not the main csv files as I have merged all the data into total\_Comments.csv file. But still I have uploaded them as well.

**Code:**

In the “code” folder, there is one ipynb notebook file and one additional folder called “Individual posts code.”

* The “merge code.ipynb” includes the code for collecting data from Reddit, preprocessing the collected data, and conducting sentiment analysis using Empath and Topic modeling analysis.
* Within the “Individual posts code” folder, there is code written for individual post comments. (Not required as I have performed analysis on the merged data)