

Team eggplant decided to create a flexible dashboard to allow users to explore statistics about the literature available on the Project Gutenberg website. This dashboard is specifically designed for students searching for information on a certain genre, text, or author for educational project purposes. For example, consider a high school student tasked with writing a report on a classic novel of their choice. They can come to our dashboard, click on the “bookshelf” tab, search for “classics”, and explore the most popular genres, books, and authors under that bookshelf. They can also explore popularity of texts within that bookshelf by sentiment to determine what trends lie between popularity (number of downloads), sentiment, and even genre too. Similarly, a student looking for information about a particular author can search directly under the author tab to see a list of their publications, their most popular genres, and sentiment analysis relating to their works. All of the information comes from Project Gutenberg, but the dashboard effectively displays this information in a meaningful way that is easily accessible to users. The team wanted this dashboard to be widely applicable and so, rather than focus on one particular bookshelf or genre, the team web-scraped the entirety of available texts on Project Gutenberg to allow users to fully access the wide range of information available through this free-online collection. Though this dashboard is specifically built for student use - its user-friendly UI and wide range of information about texts/authors makes this dashboard useful to everyone!