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SI 206

Project 4 – Newman

11 April 2018

Ben and Jerry’s Ice Cream UPDATE

Although I have decided to keep Ben and Jerry’s as my project, I have a few updates. I have decided to scrape only the pint ice creams instead of also scraping the dairy-free version. After scraping the pint ice creams, I am finding the flavor name, description, ingredients, rating, review, and if product is recommended.

I will have two databases. The first one will be a ‘flavor’ database. I want this database to include the ice cream name, description of the ice cream, and the ingredients in the ice cream. I have not decided yet, but I additionally might incorporate a link to a website where users can look at the picture of the ice cream as well. The second database will be a ‘reviews’ database. This database will include the id, account name, the review, the rating, and the flavor id. The flavor id will be the foreign key that is connected to the flavor id in the ‘flavor’ table.

I plan to use plotly to track the top 10 Ben and Jerry’s flavors, the ratings of the flavors, the distribution of ratings from all reviewers, the top ice cream ingredients used in flavors, and the 10 most frequent words used in a description.