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Data Analysis - Level 2

Abstract

We are using data from the U.S. Department of Agriculture FoodData Central to solve questions related to the nutrient levels in foods and how they have changed between the years of 2019 and 2023. This will help us address the challenge of understanding these changes in comparable foods and determine which components have remained constant. In order to explore the data to analyze these changes, we manipulated the data set using Python to group like food items together and removed the outliers that were skewing the data set in order to better understand the overall changes in all the nutrients from 2019 to 2023. We plan to create visualizations in Tableau to see the changes between food items and their components.