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Our project consists of analyzing the USDA Food Data set and comparing the two data types: Foundation Foods (FF) and SR Legacy. With our goal of modernizing this data, the USDA's FoodData Central (FDC) helps us observe the comprehensive nutrient and food component information in a single, straightforward database. With easier access to both current and historical nutrient data, we are utilizing the updated FDC system to closely compare the FF dataset to the SR Legacy dataset. First, it was necessary to understand the dataset and discover which software would be the most effective for our goals. When analyzing the data, we then decided to edit our data in Excel to create two different files to split the data to separate the Foundation Foods and SR Legacy. Following separating the data, we used a series of Excel functions and tableau outputs to answer the series of questions given to us. We chose to work primarily in Excel in order to achieve our answers. Through this process, we gained statistical insights into the differences between the two food composition data types.

For our project presentation, we have chosen to create a PowerPoint that will walk us and the judges through the dataset, dive deep into the necessary information in order to understand the data, our methods in regards to answering the questions, and the final output in hopes of seeing what would be the most effective way to reach our goals.