Kayla Gallagher

Data Driven Journalism

Michelle Minkoff

2/5/22

Data Visualization Assignment

Chart

Description automatically generated

In a newly released data report, it is revealed that grocery stores in four major cities: Boston, Los Angeles, San Diego and New York spent more on stocking their shelves in 2020 than they did in 2021.

Stores spent a total of $17,988.66 in 2020 on various products including carrot, arrowroot, oatmeal raisin cookies, whole crackers and more. In 2021, these cities spent over $2,000 less than they did the previous year totaling in $15,336.92. This one-year difference in money spent could be largely attributed to the effects of the coronavirus pandemic on grocery stores across the country, especially in big cities like these.

Boston purchased the most products by unit overall and was the only city to purchase any units of bananas or pretzels. These were the least popular products to be purchased by these four major cities in both years.

The report shows that the most expensive item per unit was Whole Wheat Crackers at $3.49 per unit, but it was an unpopular purchase for these large cities. The least expensive item was Snacks Potato Chips selling for $1.35 per unit.

The city that spent the most on a single product was Los Angeles who purchased 288 units of Oatmeal Raisin cookies in 2020 for a total of $817.92. Overall, these two data visualizations reveal some interesting trends in the kinds of products stores in four major U.S. cities during 2020 and 2021.

Chart, pie chart

Description automatically generated