Rahul Rajeev

10/25/2022

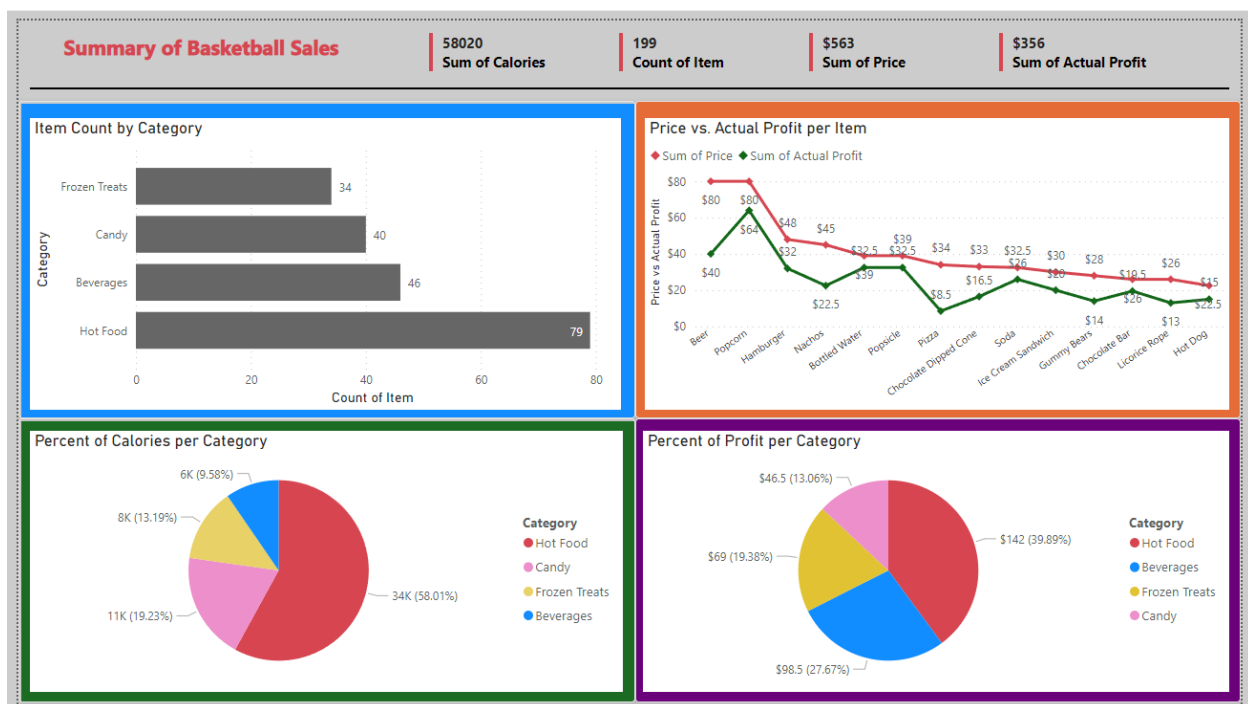Dr. Fadi Alsaleem

DSC500-T302

9.2 Exercises – Power BI Visualization

This is the data visualization I created using PowerBI. For some reason, it wouldn't let me save it as a dashboard on the actual website, so I had to resort to taking a screenshot. I am pretty upset that it didn't save so I can access it later as a reference.

Starting with the title section, I kept the title as a summary of basketball sales. There are four introductory tabs that represent a total number of calories, the total number of items, the sum of the price charged, and the sum of the actual profit made. The blue table is a

representation of the number of items sold per category. As you can tell, the hot food category had the most items sold. The color grey was chosen here because it is a quantity of count, which isn't a very interesting quantity. The orange table is a line chart that compares the total price charged for each item and the actual profit made off each item. It puts into perspective the money lost. I used red to demonstrate the price line and green to demonstrate the actual profit line to further show the disparity. The green table shows the distribution of total calories per each category of food. Hot food contained the most calories because of the variety of items sold and the number of items sold compared to the other categories. I tried to use colors that represented each item. Hot food was red to indicate hot, beverages are blue like water, frozen treats are yellow as a reminder of the halfway point between blue and red, and candy is pink for simplicity. The purple table is a similar pie chart that shows the distribution of actual profit from each category of food. Beverages came a close second to making profit compared to hot food. The color distribution is the exact same as the green table.