**Concessions Transactions**

* The first thing I did was to put the items, categories, and sales price from the Sales Transactions tab into a pivot table.
  + This pivot table shows there were spelling errors for Beverages from the Beer category, for Candy from the Chocolate Bars, and Hot Food in Popcorn.
  + Pizza vs Pizzaa
  + Popcorn vs popcrn
  + Popsicle vs Popsile
  + Licorice Rope vs Licorce Rope
  + Hamburger vs Hmburger
  + Gummy Bears vs Gumy Bears
  + There was also a plural vs singular form of Frozen Treats from the Chocolate Dipped Cone.
* I went back to the Sales Transactions tab and used the find and replace function to fix all of the spelling errors
* I then sorted all the data by price and fixed the discrepancies in sale price among all the same items
  + Soda priced at $25 instead of $2.50
  + Licorice Rope priced at $20 instead of $2
  + And a slice of pizza priced at $1 instead of $2
  + Beer for $3 instead of $4
  + Beer for $2 instead of $4
* I then highlighted the Sale Price column and formatted it as currency
* I highlighted the Item column and sorted it alphabetically which let me double check the price of each item
* Because I fixed all of the spelling issues there were no duplicate groups
* There are incorrect dates, some are from 2023 instead of 2022 and all of the January 4th dates were 1/41 instead of 1/4. There were also dates that had a period instead of a slash.
  + To fix these I used the find and replace function again
* I sorted the table by ascending Sale Price
* I used VLOOKUP to get the price it cost to make each item
  + I then calculated the profit of each line
* I used SUMPRODUCT to calculate the profit of each day
* I highlighted the most profitable day and item in green, and the least profitable day/item in red
* I then used VLOOKUP to pull all the calorie information per line into the worksheet
  + I calculated the calories of each day using SUMPRODUCT
* I highlighted the most calorie heavy day in green, and the least calorie heavy day in red