||DATA IN MOTION LLC-WEEKLY DATA ANALYSIS||

Challenge-I

1. Which was the most-ordered item?

   Answer: **Chicken Bowl**

2. For the most-ordered item, how many items were ordered?

   Answer: **726**

   Reference pivot table:

Items	Count
Chicken Bowl	726

3. What was the most ordered item in the choice_description column?

   Answer: **[Diet Coke]**

   Step:1- First I have found the maximum count of choice_description by using thr formula:

   =MAX(Dataset!E2:E3377)

   Step:2-Found the most ordered item using INDEX function:

   =INDEX(Dataset!D2:D3377,MATCH(MAX(Dataset!E2:E3377),Dataset!E2:E3377,0))

4. How many items were ordered in total?

   Answer: **3590**

   Formula used: **=SUM(Dataset!B2:B3377)**

5. Turn the item price into a float

   Answer: Changed the general format into a float by using the VALUE function into a new Column.

   Formula used: **=VALUE(SUBSTITUTE(F2, "$", ""))**

6. How much was the revenue for the period in the dataset?

Answer: **$33,601.98**

Step-1: First created a new column(H Column) named ' Revenue'

by multiplying the price by quantity.

Formula used: **=B2*G2(Dragged it down and filled up the cells)**

Step-2:Calculated the sum of the new Revenue column to get the total Revenue.

Formula used: **=SUM(Dataset!H2:H3377)**

7. How many orders were made in the period?

Answer: **3376**

Formula used: **=COUNT(Dataset!A2:A3377)**

8. What is the average revenue amount per order?

Answer: **9.953193128**

Formula used: **=AVERAGE(Dataset!H2:H3377)**

9. How many different items are sold?

Answer: **38**

Hint: Delete duplicates from the item column, count the total using the Pivot table.