Go out to the W3Schools links above, and select at least three functions to experiment with. For each: Provide an explanation of when it might be used. # Paul Singleton\_Module 5.2\_CSD310 - 6/18/2024

After reviewing the W3Schools website, I managed to locate 3 functions that I found pretty nifty. The three functions that I found are: AVG, COUNT, and MAX.

**AVG:**

* As the name implies, the AVG or Average Function is meant to calculate the average value of a specific column requested. This is especially useful for quite a few reasons, but I find it most useful when determining average patterns found within static pieces of data. (For instance, calculating the average points, rebounds and assists scored by my favorite NBA athletes!)

**COUNT:**

* The second function that I found extremely useful is the COUNT function. This function is definitely one of my favorites due to its detective-like ability of finding unique instances within a table and determining the matched criteria found in rows. (As an example, say I have a catalog of thousands of items all with unique names and descriptions & maybe even some with duplicate values…if I wanted to find a specific row, then I would utilize this handy function to identify the requested rows.)

**MAX:**

* Similar to the AVG, the MAX function is especially useful in determining math related patterns. In this instance, the MAX function finds the largest value within a column of a table and displays the results. (Once again, if I had a table filled with NBA players and I wanted to determine who scored the highest points over the season, I could use this function to determine who ranked the highest based on their seasonal point average.)

