Exercise 1

Using your solution query to Exercise 4 from the ROW_NUMBER exercises as a staring point, add a derived column called "Category Price Rank With Rank" that uses the RANK function to rank all products by ListPrice – *within each category* - in descending order. Observe the differences between the "Category Price Rank" and "Category Price Rank With Rank" fields.

Exercise 2

Modify your query from Exercise 2 by adding a derived column called "Category Price Rank With Dense Rank" that that uses the DENSE_RANK function to rank all products by ListPrice – *within each category* - in descending order. Observe the differences among the "Category Price Rank", "Category Price Rank With Rank", and "Category Price Rank With Dense Rank" fields.

Exercise 3

Examine the code you wrote to define the "Top 5 Price In Category" field back in the ROW_NUMBER exercises. Now that you understand the differences among ROW_NUMBER, RANK, and DENSE_RANK, consider which of these functions would be most appropriate to return a true top 5 products by price, assuming we want to see the top 5 **distinct** prices AND we want "ties" (by price) to all share the same rank.