Sample Exercise Instructions

1. This example is to take Sales Order information and build a model to include customer and product details as well as a percentage mark-up based for each product category and the resultant profit for each order.

2. The following are your data files
     a. Customers.csv
     b. Sales Order.xlsx

3. Examine the files and create a basic data model

4. Using the data model build in the following information
     a. Sales Price (Cost Price + % Mark-Up)
          i. Where % Mark-Up is

               100% for Apparel

               75% for Footware

               50% for Sports

     b. Sales Amount (Quantity * Sales Price)
     c. Profit (Sales Amount – Shipping Cost)

5. As an enhancement ensure that the Sales Price is always .99 so if the cost price is £5 for an item of apparel then sales price would be + 100% so £10 but this should be rounded down to £9.99 (HINT use CEILING function) and practice your Math skills!

6. Show the count of orders by region. Does this seem correct? If not investigate the issue.


7. Show a timeline of orders over the year, quarters and months.