**Lab 3 Part1 (Appending and Merging):**

Deliver the power BI file answering the following question:”

1. what is the world population total in 2019?
2. what is the world average fertility rate in 2010?
3. Is there a direct correlation between Population total and fertility rate?

Notes on File Contents:

* Delete all the junk tables.
* Rename the tables (don’t keep the names: Merge1, Append2 …etc)

**Lab 3 Part2 (Modelling):**

1. Derive the following dimensions from the orders table.
   * Customer Dim
   * Product Dim
2. Create the relationships needed to complete the model.
3. Merge the returns table with the orders fact table, so that the orders table would have an extra column called Returned with YES/NO values.

Create charts that can answer the following questions.

* Total loss
* The month with the highest sales
* Number of orders returned.
* Total sales and total profit without the returned orders
* Most Profitable Market
* Most Profitable Category, most profitable subcategory in the specified category, most profitable product in that subcategory
* Regional Manager with the highest sales
* Customer Segments ordered by the highest sales.