Group Exercise - global\_superstore

Files Attached

1. Excel file global\_superstore
2. Excel file DW Design
3. Create two databases, “GroupOP” and “GroupDW”
4. Import data from the excel file “global\_superstore” to the table “Orders” in database “GroupOP” (Note: Table “Orders” will be created, and data copied from the excel file in one task as demonstrated in the class)
5. Create DW tables as per the excel file “DW Design” in database “GroupDW”
6. Create Staging table / tables as per your design in database “GroupDW”
7. Populate table “DIM\_Calendar” for 5 years, from 1-Jan-2011 to 3-Dec-2015. (Use the script that is shared of Project 1 by changing “from”, “to” time period (Take Shipping Date)
8. Write ETL scripts
9. Carry 5 cycles of ETL,
   1. first cycle taking “Shipping Date” from 1-Jan-2011 to 31-12-2011
   2. second cycle taking “Shipping Date” from 1-Jan-2012 to 31-12-2012
   3. third cycle taking “Shipping Date” from 1-Jan-2013 to 31-12-2013
   4. fourth cycle taking “Shipping Date” from 1-Jan-2014 to 31-12-2014
   5. fifth cycle taking “Shipping Date” from 1-Jan-2015 to 31-12-2015
10. Create pivot table from the DW
11. Please do followings:
    1. SELECT query to find out total number of unique (distinct) orders from table “Orders”
    2. From pivot table, find out year-wise average “Response” for each country
12. Submit all SQL scripts in notepad file, and a presentation explaining use of these notepad files (use the PowerPoint file “6\_Building DW2 Northwind” as a reference”)