Data Warehouse Implementation Using PowerBI – Practical Session

1. Create a folder on the Desktop in your name and registration number

2. Copy and paste the Sales.csv and dateDimension.txt files inside your folder.

3. Open PowerBI and create a new project. Save it as SalesDataWarehouse.

4. Extract the sales data from the Sales.csv file inside your project.

5. Carryout the following transformations on the extracted data.

6. Rename the Sales table to FactSales.

7. Make a copy of the FactSales table into 4 other tables that will be used to make the customer, product and geography dimension tables.

8. Rename the created new tables matching the dimension tables needed.

9. In the customer dimension, remove all duplicates.

10. Remove all the columns save customer id, customer name, email.

11. Get the customer first name and last name from the email column.

12. Clean the email to remove the brackets from the email.

13. Repeat steps 8 to 10 (for step 10, decide which columns to stay with basing on the dimension you're working on) for the rest of the dimension tables.

14. Create a time dimension table using the dateDimension.txt file that was provided.

15. Remove the unnecessary columns in the factsales table.