You have been given a dataset of a wholesale trading company who deals with Food and Beverage products and ships the delivery to their customers. In part one, you need to complete the transformational tasks and the data modelling tasks on this dataset.

Transformations Tasks

Customer Table
- Rename 'CompanyName' in Customer table to 'CustomerName'

Employee Table
- Create a new column 'Full Name' for each employees
- Delete the column 'BirthDate'

Suppliers Table
- Rename 'CompanyName' in Suppliers table to 'SupplierName'

Shippers Table
- Rename 'CompanyName' in Suppliers table to 'ShipperName'

Orders Table
- Change Data Type of 'ShipPostalCode' to Text with "Replace Current" option

Order_Details Table
- Change the DataType of the column 'Discount' to 'Fixed Decimal'
- Create 3 new columns as below:
  - 'GrossAmount' – UnitPrice * Quantity
  - 'DiscountAmount' – Gross Amount * Discount
  - 'NetAmount' – GrossAmount – DiscountAmount

- Make sure to give appropriate Data Type to the newly created columns

Final Check: Before you click on 'Close and Apply', make sure,
1) The Data Type of 'PostalCode' in all tables is 'Text'.
2) The column headings of all tables are correct.
3) The Data Type of all the columns are appropriate.
4) Make sure you have unticked 'Auto Detect New Relationship' in the Options and Settings(image below)
5) Make sure you have unticked 'Auto Time Intelligence in the Options and Settings(image below)

Data Modelling Tasks

- Make sure the summarization and formatting of all columns are appropriate

- Particularly change the format of the 'Discount' column in 'Order_Details' from 'Currency' to 'Decimal Type'

- Particularly change the summarization of columns like 'Year', 'MonthNo' etc, in 'DateTable'

- Make sure to the mark the 'DateTable' as your central date table by clicking on 'Mark As Date Table' under the 'Table Tools'.

- Create the entire data model.