Retail Data Analysis

Tasks:

1: Load all the files, one by one into the data model

- Make sure the header contains the field names in all the files

2: Drop records from table 'PinCode-Geo' where 'Zone' is missing. Drop records from 'Mod3_Raw_CityTier_v0 1' where 'CityTier' is missing.

3: For the common columns between tables, make sure the relationship is present. For the table 'Mod3_Raw_CityTier_v0 1', make sure the 'City' field has a relationship with 'City' from 'PinCode- Geo' table

4: Using DAX formulas, create a new column 'Net_Units' as difference of 'Units' and 'Cancelled_Units' in the sale table

5: Rename 'City' to 'City_Old', create new column 'City' with only the city name i.e. removing the country part; from the two files ''Mod3_Raw_CityTier_v0 1' and 'PinCode-Geo'.

6: Create a field called 'OrderDayOfWeek' which should contain the day of week, e.g. 'Monday'

7: To be able to look at weekly trends, using DAX formulas, create a field called 'OrderWeekStart' which contains the date for the start of the week of sale.

- Note that your week should be starting from Monday - Format this field to display 'Nov 06' for November 6th

8: Update the relationships to ensure all tables are connected as expected

9. Create different analysis/reports like
- Total revenue, Total quantity, Total cancelations, number of customers, number of

transactions, by Month, week, weekday, product group, city, zone, city tier etc.. 10. Create Dashboard with above analysis