Module 2: Power BI Desktop and Transformation

Assignment Document

edureka!

Assignment

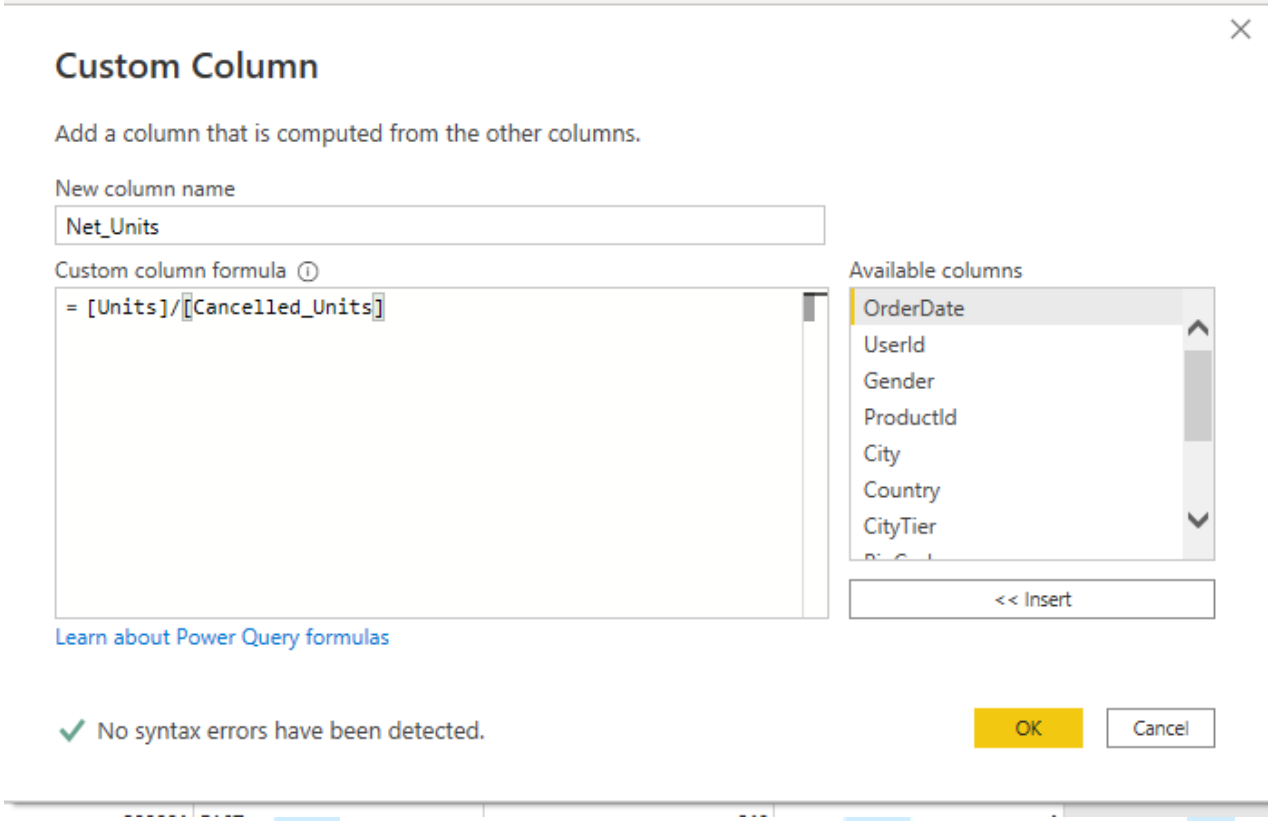
Scenario: Given a dataset named as "1910_m2_assign_dataset_v1.0". Connect to the dataset and perform the following tasks for data modeling. Do an analysis of the dataset by cleaning and modifying the dataset, thus drawing relevant insights.

Data Description:

OrderDate: The date on which the product was ordered**.**
UserId Gender: The gender of the user who ordered the product.
ProductId: The specific id of the product.
ProductGroup: The group/category in which the product used to belong.
City: The city name where the product is getting delivered.
CityTier: Explaining the tier of the city to which it belongs.
PinCode: Pin code of the area.
Zone: Which zone does the date fall into?
Revenue: The amount generated.
Units: Number of units sold.
Cancelled_Units: Number of canceled units

The following are the tasks that need to be performed:

1. Connect and Get Data from a CSV file named "1910_m2_assign_dataset_v1.0". Data transformation in Power BI load only sheet called ""RAW"".
2. Check the values in **ProductGroup** Column and delete the column as it has no more than 1 type of value.
3. In the column "**City**" split the column using a delimiter, and separate and rename them as "**City**" and "**Country**".
4. The **Gender** column has 0 and 1 as values. Make sure you change them to Male (0) and Female (1).
   Hint: Make sure the column is in Text datatype.
5. (Similar to Task 2) Delete the **CityTier** column.
6. Create a new Column by clicking on the Custom column. Assign the name **Net_Units** in the Custom Formula section. The formula is `Net_Units = [Units]/[Cancelled_Units]`.
   Hint: Click on the **Add Column** tab and select the **Custom** column.



7. Change the format of OrderDate according to system date of the system.
8. Shaping the data by connecting to web URL:
   Web Link*:* https://www.bankrate.com/retirement/best-and-worst-states-for-retirement/
   Hint: Select the table named “Best States to Retire”.
   Note: Remember, the information is subject to change due to the formatting of the HTML pages used for its design. If the above link shows an error, please use/import the dataset provided “Best States to Retire.xlsx”
9. Sort the **Weather** column in ascending order.
10. Save the .pbix file, name it as “Assignment_2_solution” and Submit the file to the edureka support team through the submit button present on the LMS.