



Module 3: Assignment

Problem Statement:

As a Data Analyst in AdventureWorks, you will be using Power BI to create reports that Business Analysts can use to make dashboards in Power BI Service. As a BI professional, you are asked to explore ways in which AdventureWorks can empower business users to augment their managed enterprise BI solution with self-service BI.

Tasks To Be Performed:

Importing Data from Excel:

Open Power BI Desktop

1. Import the sales-Europe Excel file
2. In the Navigator window, select Europe, and click on Load
3. Import the sales-North America Excel file
4. In the Navigator window, select North America, and click on Transform Data to open in Power Query Editor

Shaping and Combining Data:

1. In the Queries pane, click on Europe to display the data in the preview mode
2. Remove ProductKey and SalesOrderNumber columns
3. Rename the SalesTerritoryCountry column to Country
4. Rename the SalesTerritoryGroup column to Sales Territory
5. Rename the EnglishProductCategoryName to Main Category
6. Rename the EnglishProductSubcategoryName column to Sub Category
7. Rename EnglishProductName to Product
8. Move the color column to the left
9. In the Queries pane, click on North America
10. Repeat Steps from 2 to 8
11. Append Europe and North America tables
12. Import the country code.xlsx
13. Merge the country code query with Europe
14. Get the country code from the merged column, and move it to the beginning of the table

15. Rename the Code column to Country Code
16. Save the file as Shaping and Combining Data

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