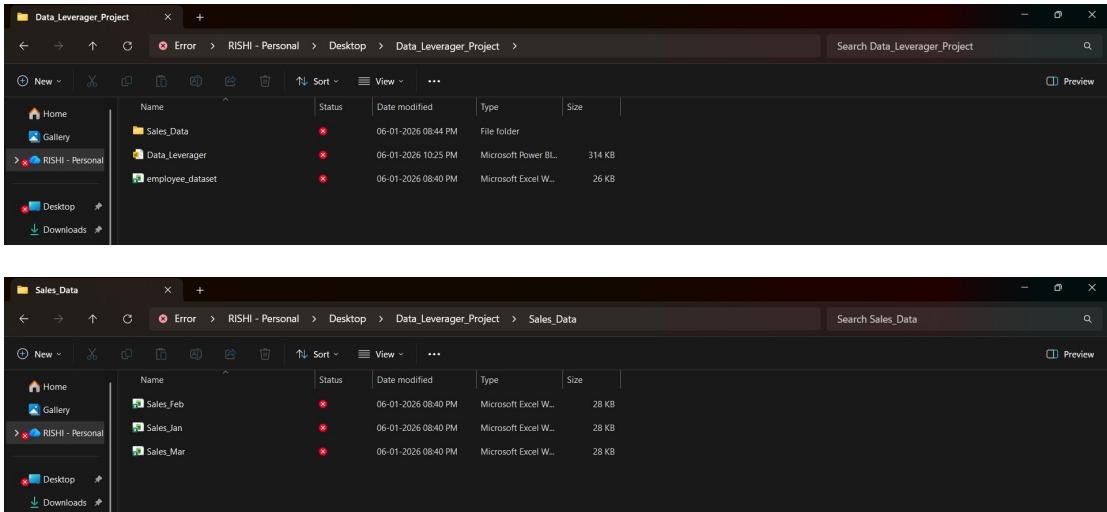


1. Folder Structure



2. Get Data → Folder

The screenshot shows the DataLeverager software interface. The 'Transform' tab is selected. In the center, there is a preview of an Excel file with columns: Source.Name, Index, EmployeeID, OrderID, OrderDate, and ProductName. A 'Browse For Folder' dialog is open, showing the file system structure of the 'Desktop' drive, specifically navigating to 'Desktop > Data_Leverager_Project > Sales_Data'. The 'Properties' and 'Applied Steps' panes are visible on the right side.

3. Text Transformations

The screenshot shows the DataLeverager application interface. The main area displays a table with columns: EmployeeID, SalesPersonName, OrderID, ProductName, and Region. The 'Region' column has been converted from a string type to an Int64 type. The 'APPLIED STEPS' panel on the right lists the transformation steps, including 'Inserted Year'.

4. Profit Column

The screenshot shows the DataLeverager application interface. A 'Custom Column' dialog is open, prompting for a new column name ('Profit') and a formula ('=[Revenue]-[Cost]'). The 'Available columns' dropdown lists 'Region', 'Cost', 'Profit', 'Sales Category', 'Order Date', 'Year', 'Quarter', and 'Day'. The 'APPLIED STEPS' panel on the right lists various transformation steps, including 'Filtered Hidden Files1' and 'Renamed Columns1'.

5. Date Columns

The screenshot shows the DataLeverager application interface. On the left, the 'Queries [9]' sidebar lists several queries, including 'Total_Sales_Data'. The main workspace displays a table with columns: Sales Category, Order Date, Year, Revenue, Day, Month Name, and Revenue. A context menu is open over the 'Revenue' column, showing options like 'Conditional Column', 'Merge Columns', 'Format', 'Parse', 'Statistics', 'Standard', 'Scientific', 'Rounding', and 'Information'. The 'APPLIED STEPS' panel on the right lists various transformations applied to the query, such as 'Renamed Columns1', 'Expanded Table Column1', and 'Changed Type1'. The status bar at the bottom indicates 'PREVIEW DOWNLOADED AT 08:45 PM'.

6. Conditional Column

The screenshot shows the DataLeverager application interface. The 'Conditional Column' dialog box is open in the center, titled 'Add Conditional Column'. It asks to add a conditional column computed from other columns or values. A 'Custom' section is selected. The dialog shows three clauses: 1) If 'Revenue' is greater than or equal to 10000, then 'High'; 2) Else If 'Revenue' is greater than or equal to 5000, then 'Medium'; 3) Else, 'Low'. The background table shows columns: ProductName, Region, Cost, Profit, Sales Category, and Order Date. The 'APPLIED STEPS' panel on the right lists transformations like 'Renamed Columns1', 'Expanded Table Column1', and 'Changed Type1'. The status bar at the bottom indicates 'PREVIEW DOWNLOADED AT 08:45 PM'.

7. Groupby Column

1. Average Order Value

The screenshot shows the Power BI Data Editor interface with a grouped query named "Total_Sales_Data". The preview pane displays a table with four columns: Region, Average Order Value, Count, and Total Sales. The "Region" column has four rows: South, North, East, and West. The "Average Order Value" column contains values 11316.09117, 10904.62438, 11437.69034, and 11086.12088 respectively. The "Count" and "Total Sales" columns both show a value of 1. The "Properties" pane on the right shows the query settings, including the name "Total_Sales_Data" and the applied steps, which include "Grouped Rows".

2. Total Sales

The screenshot shows the Power BI Data Editor interface with a grouped query named "Total_Sales_Data". The preview pane displays a table with four columns: Region, Total Sales, Count, and Average Order Value. The "Region" column has four rows: South, North, East, and West. The "Total Sales" column contains values 3977948, 4380712, 4380712, and 40325348 respectively. The "Count" and "Average Order Value" columns both show a value of 1. The "Properties" pane on the right shows the query settings, including the name "Total_Sales_Data" and the applied steps, which include "Grouped Rows".

3. Transaction Count

The screenshot shows the Power BI Data Editor interface with a grouped query named "Total_Sales_Data". The preview pane displays a table with four columns: Region, Transaction Count, Count, and Average Order Value. The "Region" column has four rows: South, North, East, and West. The "Transaction Count" column contains values 60007.17094, 60209.39055, 60034.96067, and 60097.07418 respectively. The "Count" and "Average Order Value" columns both show a value of 1. The "Properties" pane on the right shows the query settings, including the name "Total_Sales_Data" and the applied steps, which include "Grouped Rows".

8. Index Columns

Screenshot 1: Data Leverager - Unpivot Column Transformation

The screenshot shows the Data Leverager interface with the following details:

- Query Settings:** Monospaced, Column distribution, Column quality.
- Transform File from S...**: Total_Sales_Data
- Applied Steps:** Renamed Columns1, Expanded Table Column1, Changed Type1, Removed Duplicates, Uppercased Text, Trimmed Text, Added Custom, Renamed Columns, Added Conditional Column, Rounded Off, Changed Type with Locale, Inserted Parsed Date, Inserted Year, Inserted Month Name, Inserted Quarter, Inserted Day, Renamed Columns2, Added Index, Reordered Columns, Pivoted Column, Unpivoted Columns, Renamed Columns3.
- Properties:** Name: Total_Sales_Data
- Column Statistics:** Count: 1000, Error: 0, Empty: 0, Distinct: 978, Unique: 956, NaN: 0, Zero: 0, Min: 2004, Max: 19991, Average: 11341.343.
- Value Distribution:** A histogram showing the distribution of values across 17 columns.

Screenshot 2: Data Leverager - Add Index Column Transformation

The screenshot shows the Data Leverager interface with the following details:

- Query Settings:** Monospaced, Column distribution, Column profile, Always allow.
- Transform File from S...**: Employees
- Applied Steps:** Source, Navigation, Promoted Headers, Changed Type, Changed Type1, Removed Duplicates, Uppercased Text, Trimmed Text, Renamed Columns, Changed Type with Locale, Changed Type with Locale1, Added Custom, Changed Type2, Added Index.
- Properties:** Name: Employees
- Column Statistics:** Count: 500, Error: 0, Empty: 0, Distinct: 500, Unique: 500, Empty string: 0, Min: E0001, Max: E0500.
- Value Distribution:** A histogram showing the distribution of values across 9 columns.

9.Pivot Operation

The screenshot shows the DataLeverage application interface. The main area displays a table titled "Table.Pivot(#Reordered Columns, List.Distinct(#Reordered Columns["Month Name"], "Month Name", "Revenue", List.Sum))". The table has columns for Month Name (February, November, March, October, June, January) and Revenue. The data shows various values like 81 distinct, 80 unique, 92 distinct, 81 unique, etc. The bottom right corner of the table indicates "PREVIEW DOWNLOADED AT 08:45 PM". On the right side, there is a "Query Settings" panel with "Name: Total_Sales_Data" and an "APPLIED STEPS" panel listing various operations such as "Pivoted Column", "Unpivoted Columns", and "Renamed Columns3". The bottom status bar shows "17°C Clear", "Search", and the date "06-01-2026".

10.Unpivot Operation

The screenshot shows the DataLeverage application interface. The main area displays a table titled "Table.UnpivotOtherColumns(#'Pivoted Column', {"Source.Name", "Index", "EmployeeID", "SalesPersonName", "OrderID", "OrderDate", "Value"}")". The table has columns for Order Date, Year, Quarter, Day, Attribute, and Value. The data shows various dates from 2023 and values like 349 distinct, 71 unique, 2 distinct, 0 unique, etc. The bottom right corner of the table indicates "PREVIEW DOWNLOADED AT 08:45 PM". On the right side, there is a "Query Settings" panel with "Name: Total_Sales_Data" and an "APPLIED STEPS" panel listing various operations such as "Unpivoted Columns" and "Renamed Columns3". The bottom status bar shows "17°C Clear", "Search", and the date "06-01-2026".