Lab 1.2 Data Import & Transformation

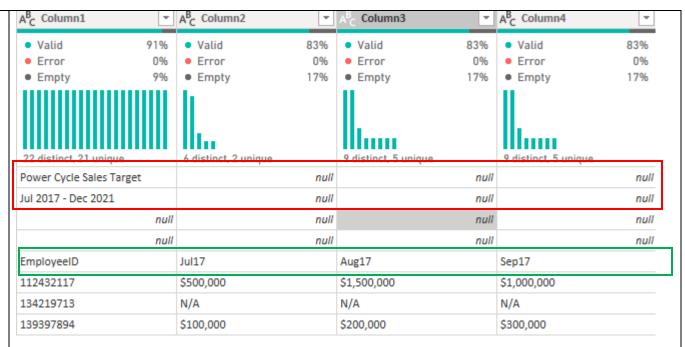
Lab Objectives

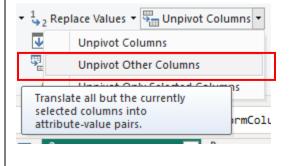
Time: 20-30 Min

- 1. Import and clean the Sales Target table so that is in a usable format for data modelling.
- 2. Unpivot column fields to rows and fix data errors in Power Query in the Sales Target table
- 3. Use the column by example utility to create a usable date column.
- 4. Use the Group By option to group the applicable columns in the Target Table.
- 5. Create dynamic parameters for the order data in the Sales By Country table.

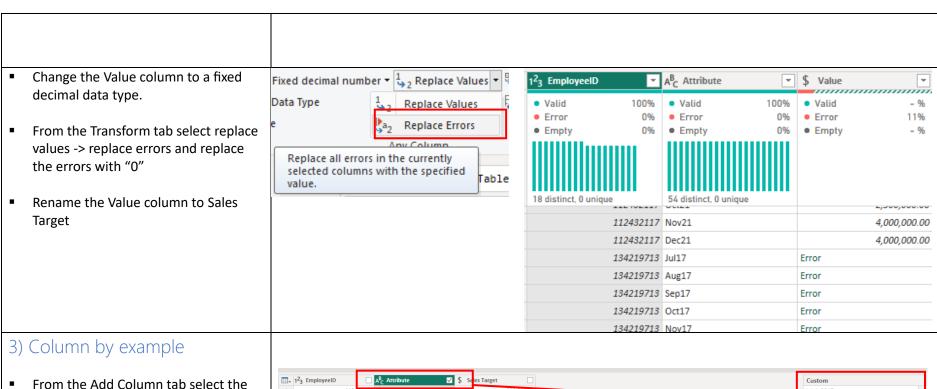
Lab steps

- 1) Impot and clean the sales target table so that is in a usable format for data modelling
- Import Power Cycle Sales Target.xlsx file.
- From the Home Table and utilize the remove rows option to remove unused rows
- From the Transform tab you can select "Use First Row as Headers" to promote the first row to the table header
- Change the data type in the EmployeeID column from test to whole number
- 2) Unpivoting the date columns to rows
- Select the Employee column then navigate to the Transform tab and select from the unpivot drop-down unpivot other columns





1 ² ₃ EmployeeID	٧	A ^B _C Attribute	v	ABC 123 Value	V
Valid	100%	Valid	100%	Valid	100%
Error	0%	Error	0%	Error	0%
Empty	0%	Empty	0%	Empty	0%
18 distinct, 0 unique		54 distinct, 0 unio	que		
1	12432117	Jul17		\$500,000	
1	12432117	Aug17		\$1,500,000	
1	12432117	Sep17		\$1,000,000	
1	12432117	Oct17		\$1,000,000	
1	12432117	Nov17		\$2,200,000	
1	12432117	Dec17		\$1,750,000	
1	12432117	Jan18		\$650,000	



- From the Add Column tab select the Column From Example
- Select the check box on the Attribute column.
- Enter the Month 1-Year as the example in the Custom column first cell * note that for the AI engine to generate the subsequent values you might need to input 2-3 examples.
- Change the custom column data type from text to Date type and rename the column to Date.
- Remove the Attribute column.



