

# BIKE STORE POWER BI PROJECT

## DATA CLEANING

File	Home	Transform	Add Column	View	Tools	Help
Close & Apply	New Source	Recent Sources	Enter Data	Data source settings	Manage Parameters	Refresh Preview
Close	New Query				Query	Advanced Editor
					Manage Columns	Choose Columns
					Remove Columns	Keep Rows
					Reduce Rows	Sort
					Split Column	Group By
					Replace Values	Use First Row as Headers
					Combine Queries	Combine Files
						Text Analytics
						Vision
						Azure Machine Learning
						AI Insights

Queries [9]

bike\_store stores

bike\_store stocks

bike\_store staffs

bike\_store products

bike\_store orders

bike\_store order\_items

bike\_store customers

bike\_store categories

bike\_store brands

12 customer\_id

A1 name

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A3 email

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Queries [9]

This preview may be up to 9 days old. Refresh

Query Settings

PROPERTIES

Name

bike\_store staffs

APPLIED STEPS

Source

Navigation

Merged Columns

Renamed Columns

Changed Type

Replaced Value

Changed Type1

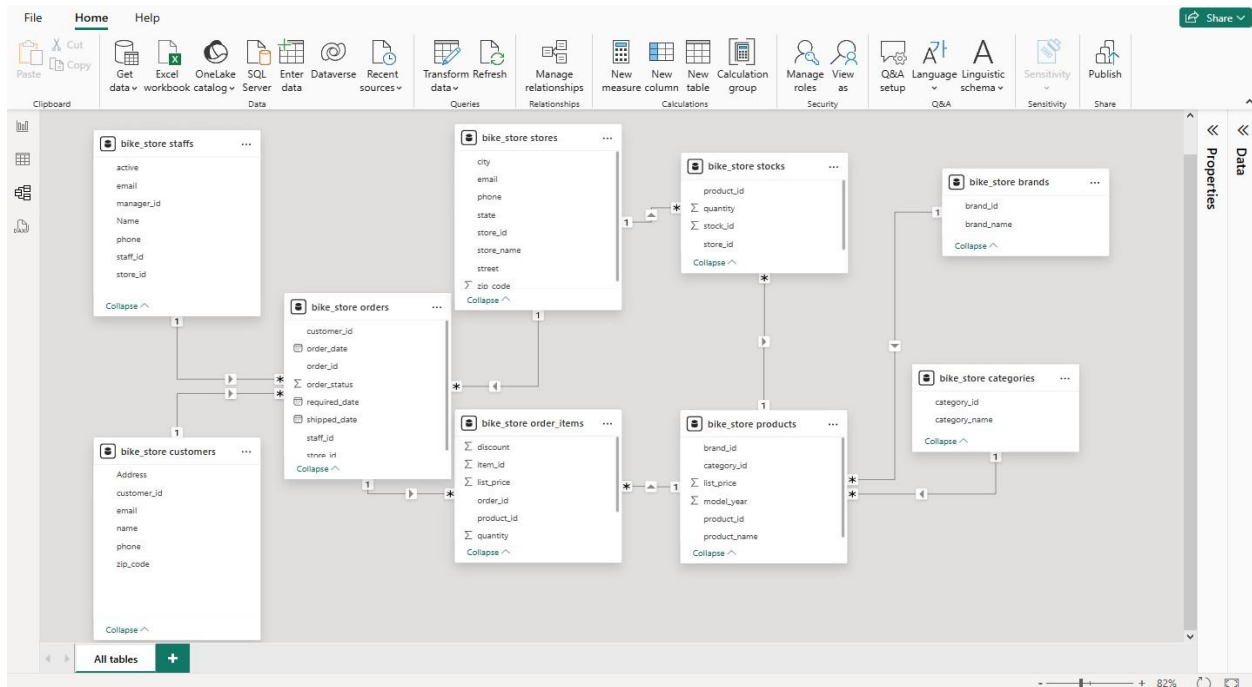
8 COLUMNS, 10 ROWS Column profiling based on top 1000 rows

PREVIEW DOWNLOADED ON SUNDAY, 4 MAY 2025

123 staff_id	A6C Name	A6C email	A6C phone	123 active	123 store_id
1	Fabiola Jackson	fabiola.jackson@bikes.shop	(831) 555-5554	1	
2	Mireya Copeland	mireya.copeland@bikes.shop	(831) 555-5555	1	
3	Genna Serrano	genna.serrano@bikes.shop	(831) 555-5556	1	
4	Virgie Wiggins	virgie.wiggins@bikes.shop	(831) 555-5557	1	
5	Jannette David	jannette.david@bikes.shop	(516) 379-4444	1	
6	Marcelene Boyer	marcelene.boyer@bikes.shop	(516) 379-4445	1	
7	Venita Daniel	venita.daniel@bikes.shop	(516) 379-4446	1	
8	Kali Vargas	kali.vargas@bikes.shop	(972) 530-5555	1	
9	Layla Terrell	layla.terrell@bikes.shop	(972) 530-5556	1	
10	Bernardine Houston	bernardine.houston@bikes.shop	(972) 530-5557	1	

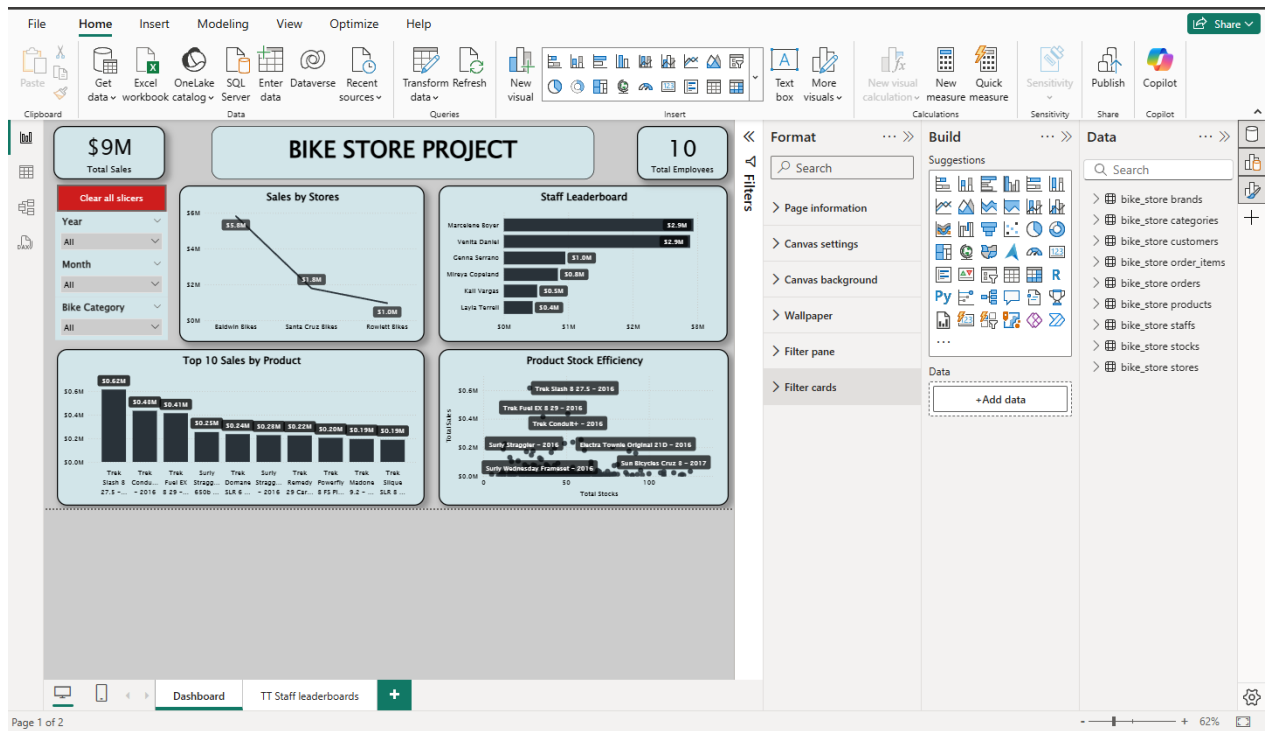
All images shown data cleaning. By replaced value, merged column, changed data type, trimmed, renamed column, and dealing with null values and 0 values.

## Model View



This image shows relationship in each table

# Data Visualization



In this image by using DAX, I calculated KPIs like total sales, margin. I built a staff leaderboard with a tooltip that shows customer and order breakdowns. The dashboard also includes a scatter plot to measure product stock efficiency, bar charts for top 10 sales by product, and slicers to allow flexible filtering by year, month, and product category.