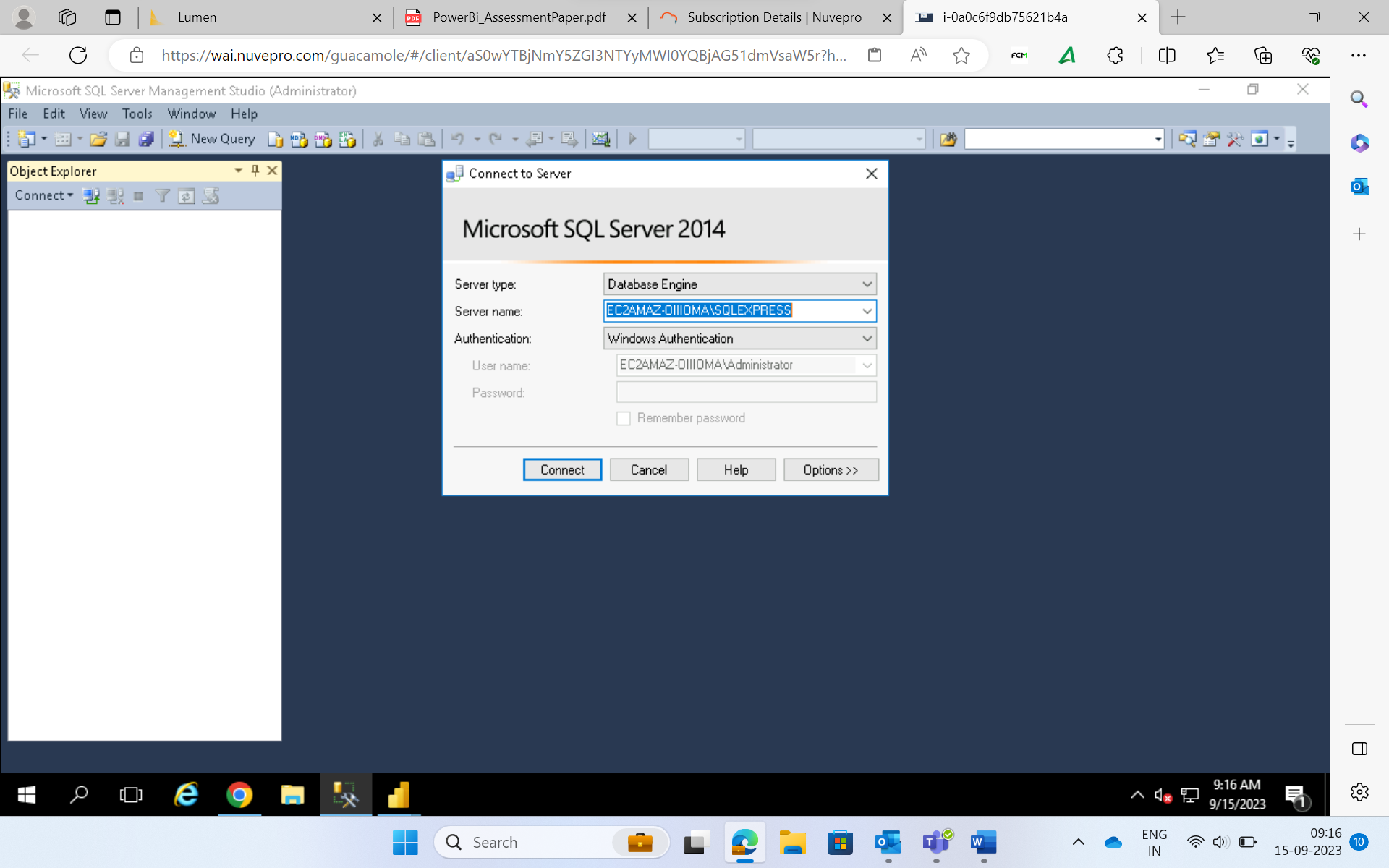
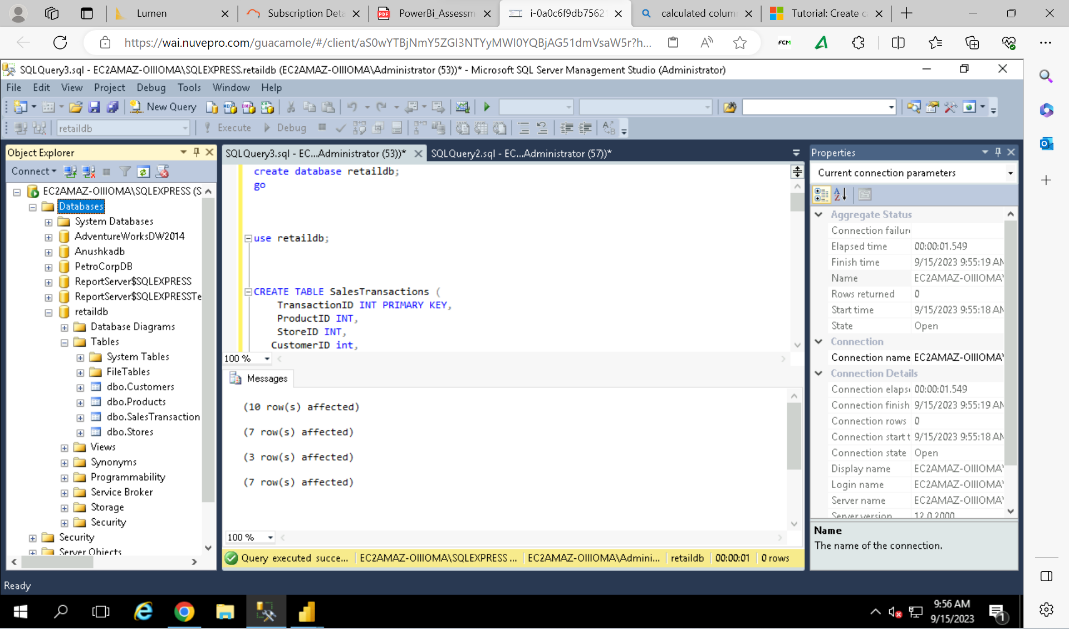
**HANDS ON ASSIGNMENT - POWER BI**

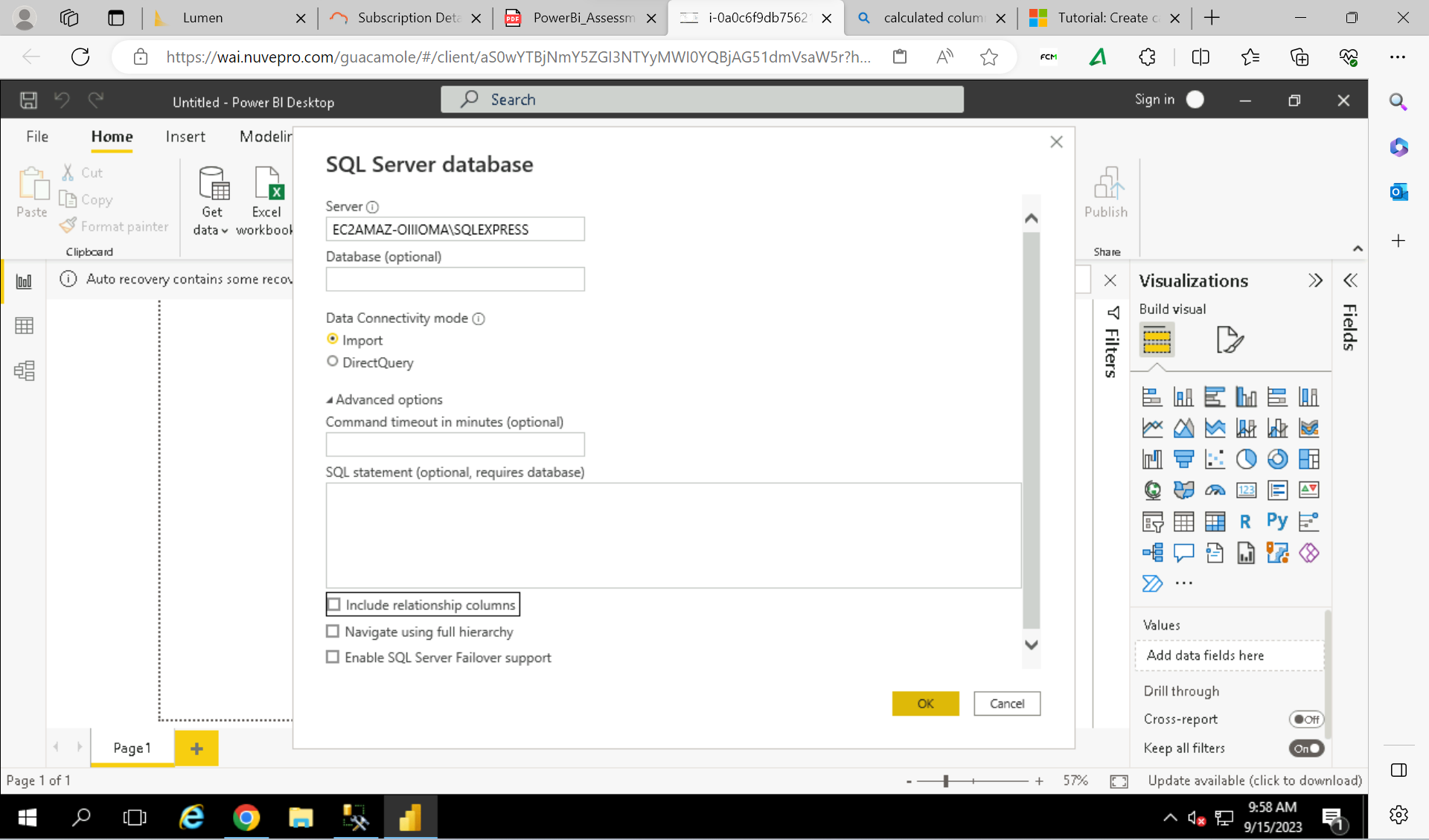
**Connecting to the SQL Server**



**Creation Of Database And Tables**



**Connecting to SQL Sever On Power BI**

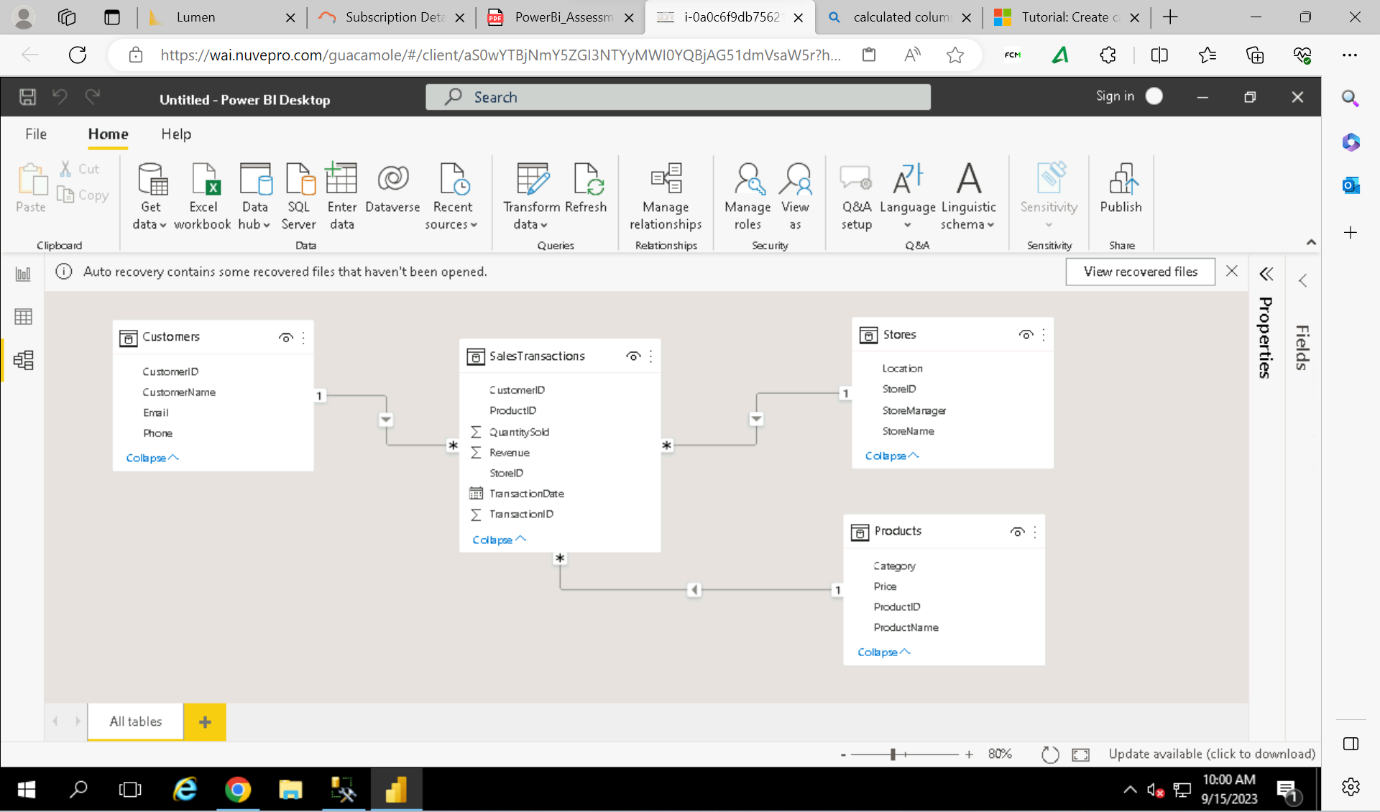


**Loading The Tables Into Power BI**

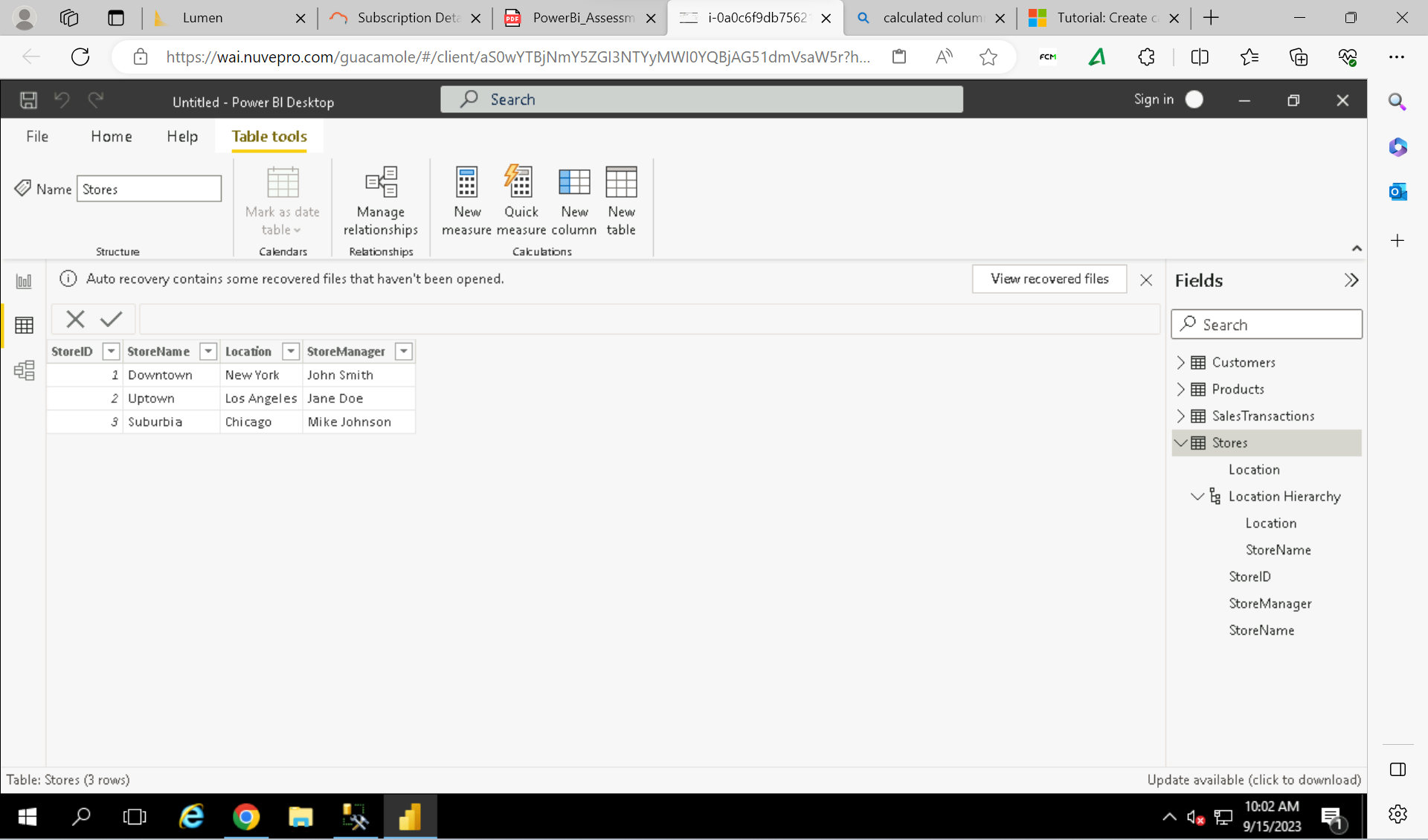
A screenshot of a computer

Description automatically generated

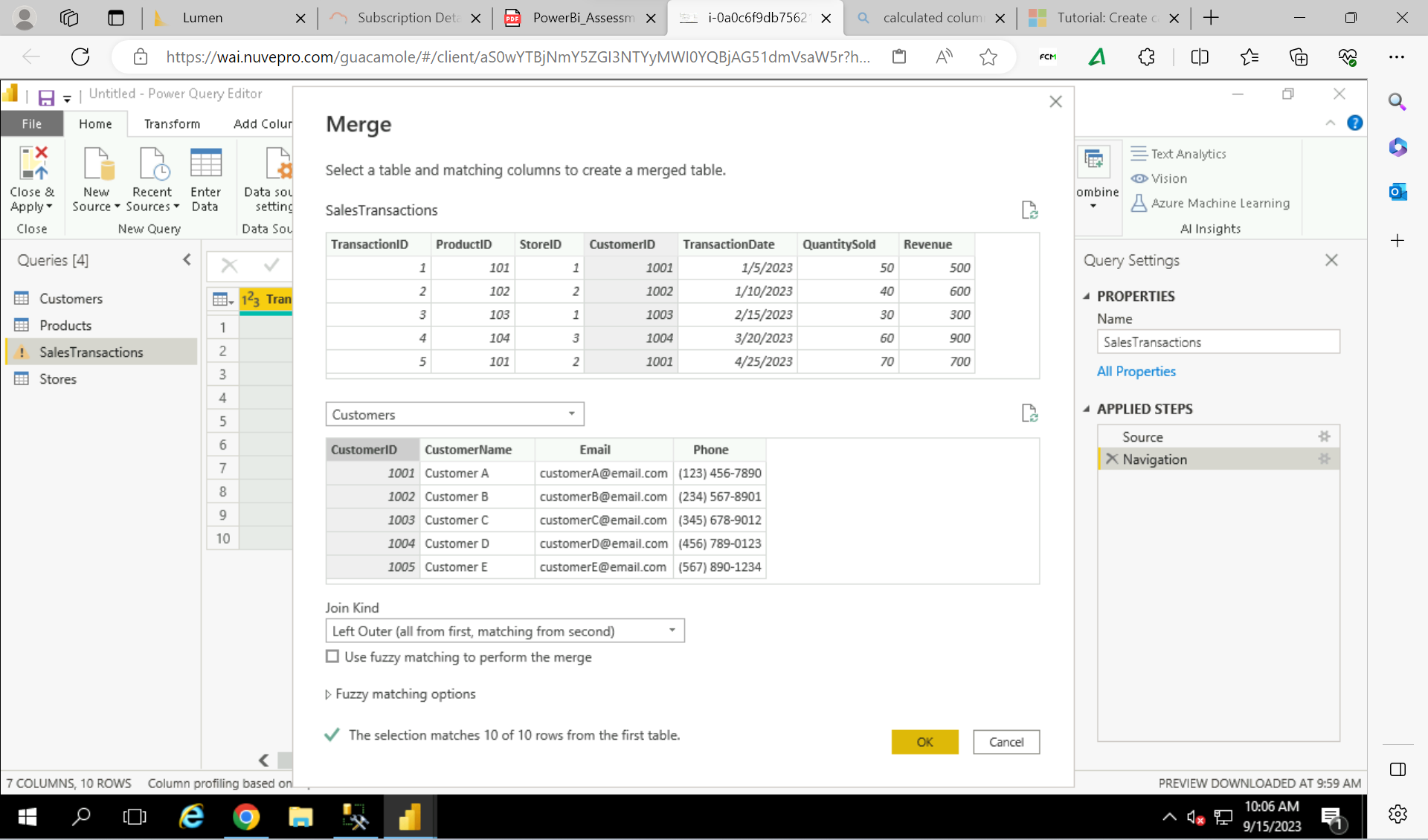
**Managing & Creating The Table Relationships**



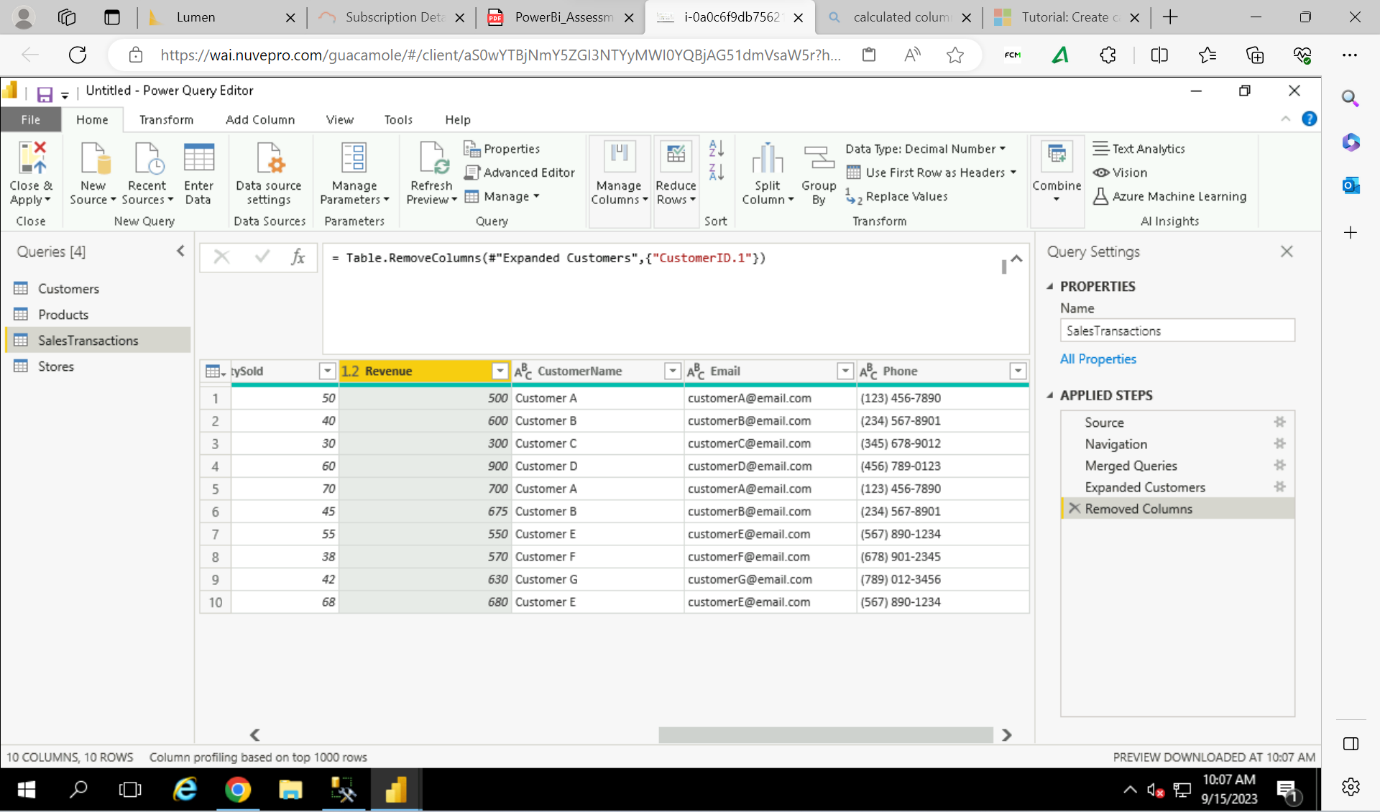
**Creating The Hierarchy**



**Merging The Tables**



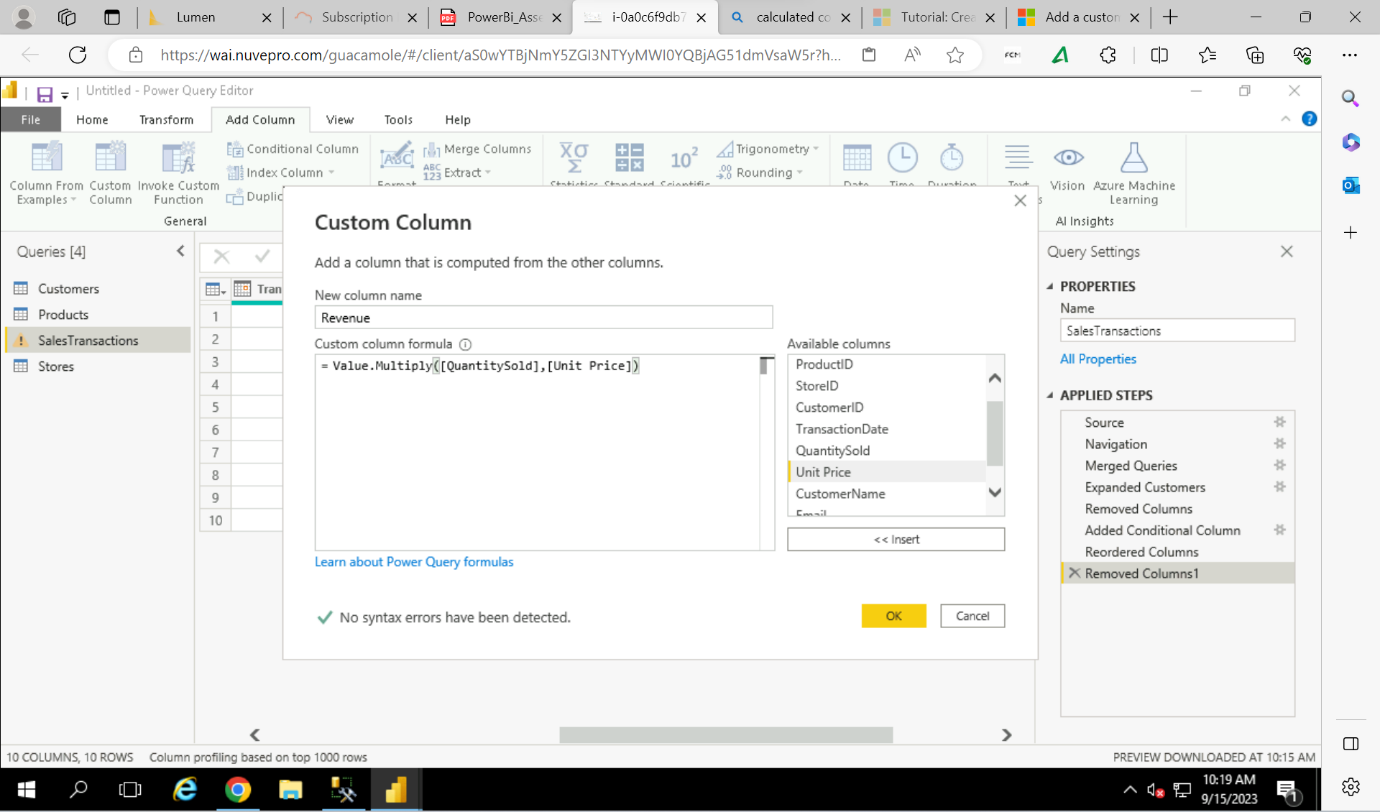
**Clean The Data**



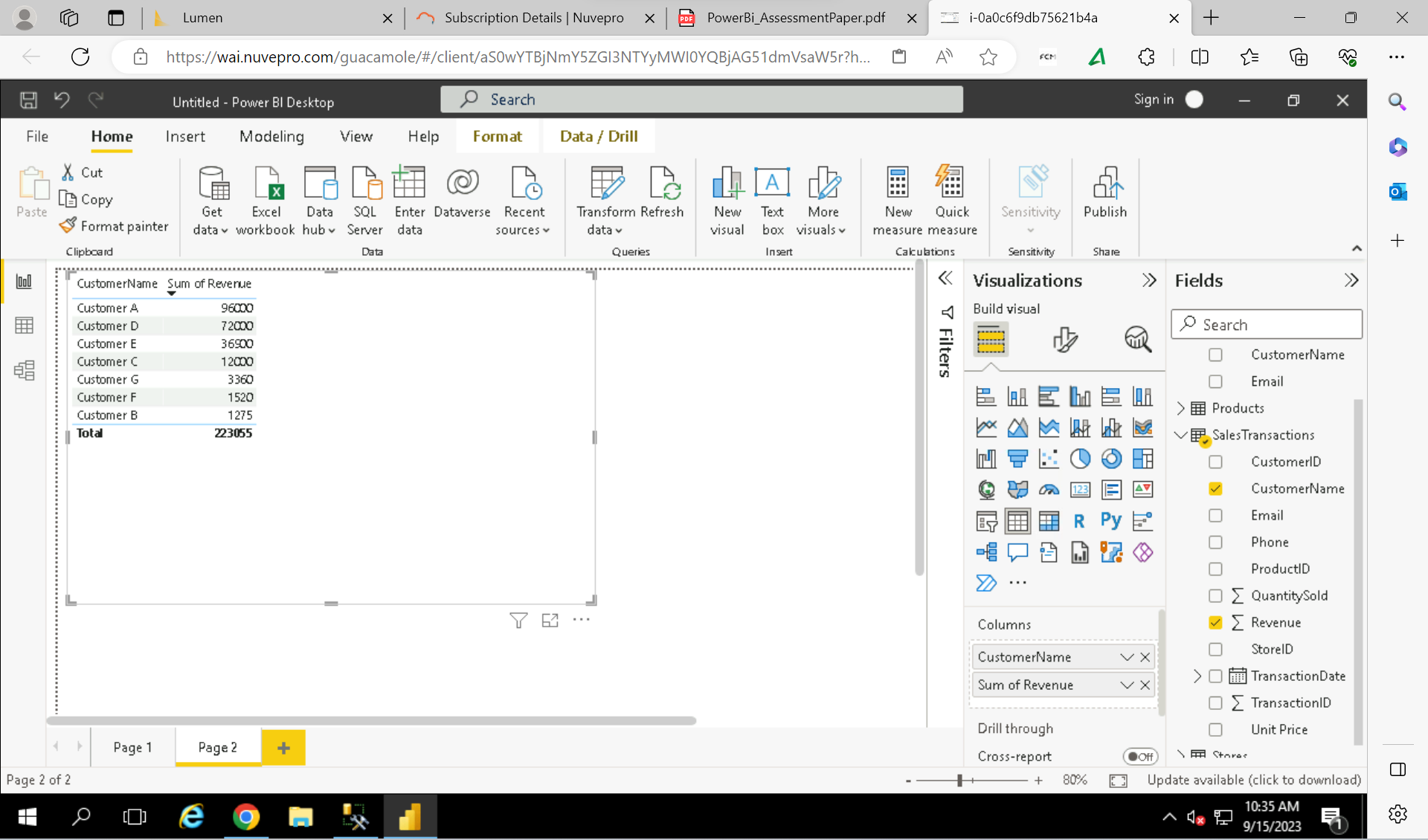
**Addition Of Columns**

A screenshot of a computer

Description automatically generated



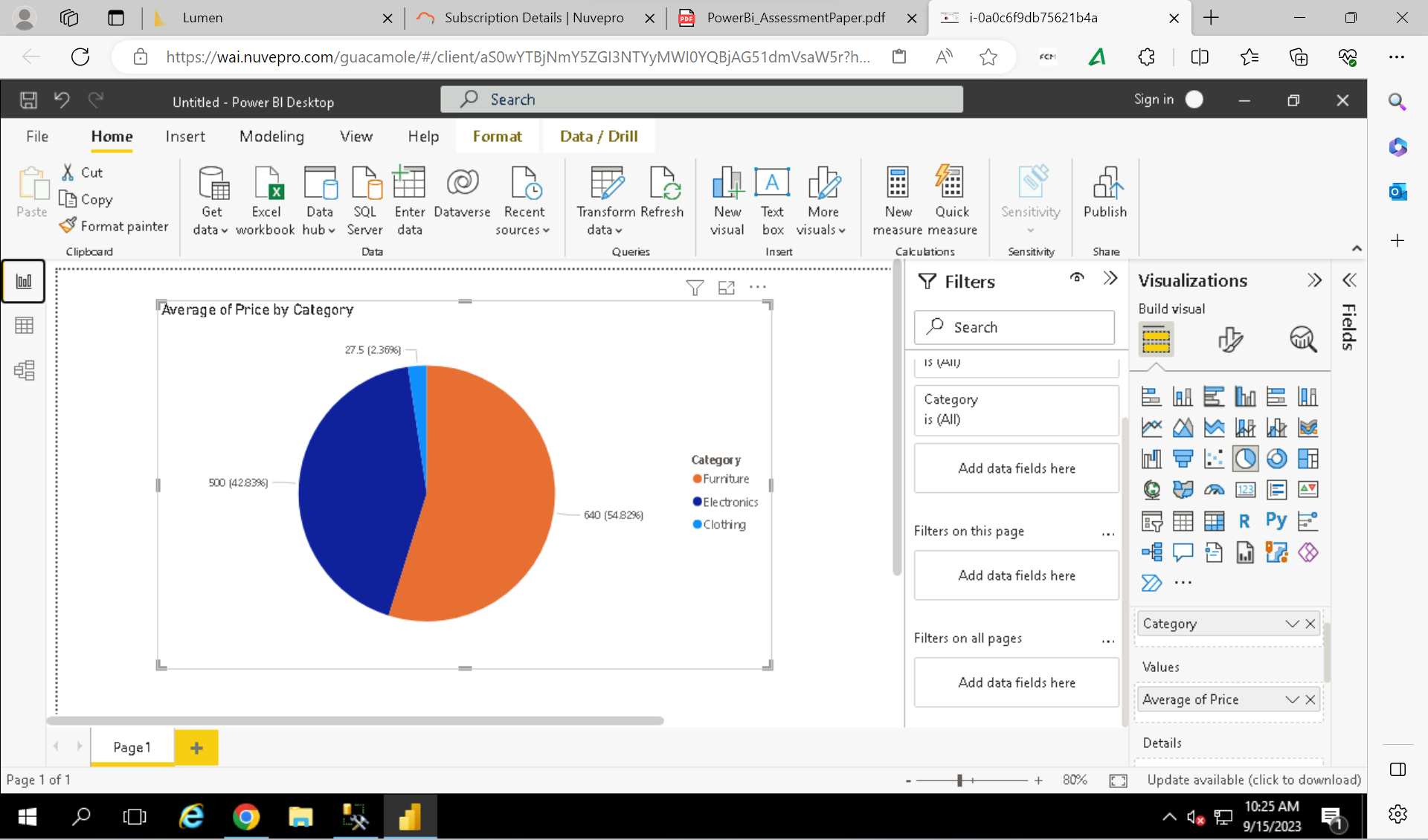
**Who are the top-spending customers based on their total purchase amount?**



**How is sales revenue distributed among different store managers?**



**What is the average price of products in each category?**

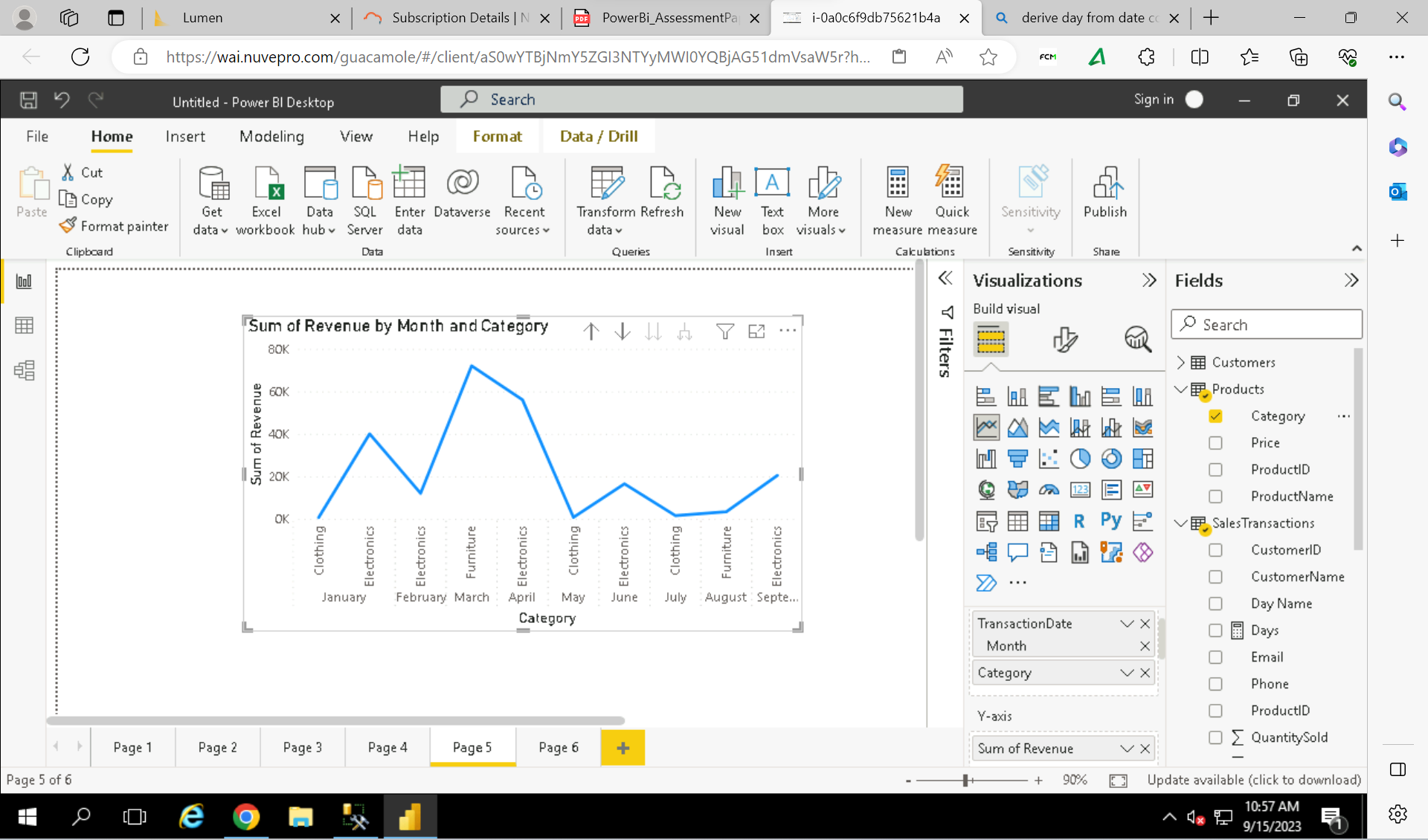


**Are there specific days of the week when sales are higher?**

A computer screen shot of a graph

Description automatically generated

**How do sales trends vary by product category on a monthly basis?**



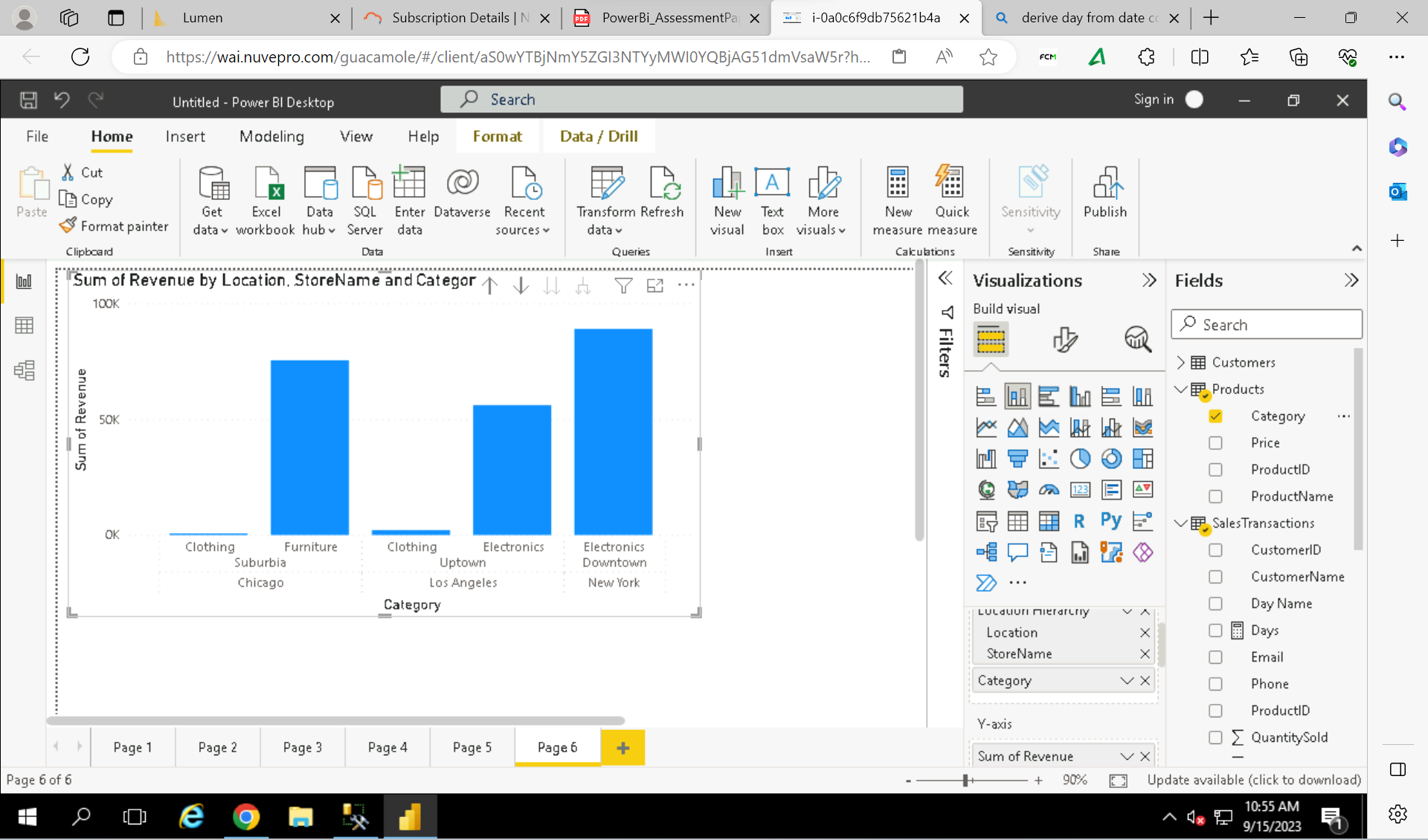
**What percentage of products account for 80% of total sales revenue?**

**Are there any trends in repeat customer purchases?**

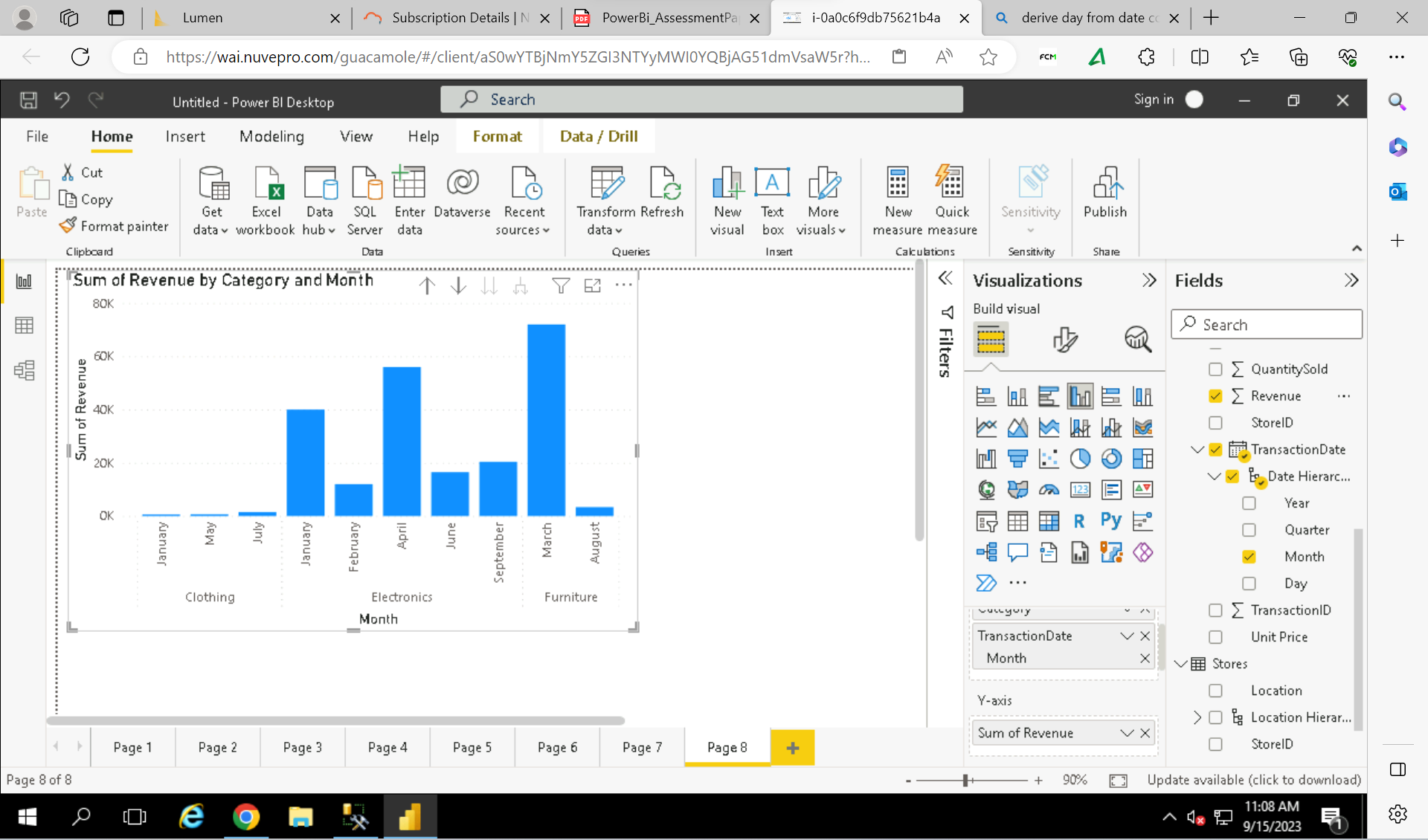
A computer screen shot of a graph

Description automatically generated

**Which product categories perform best at each store location?**



**Are there any seasonal patterns or trends in sales for specific products or categories?**

****

**Can customers be segmented into high, medium, and low-value segments based on their purchase history.**



Customer A, Customer D: High Segmented

Customer E, Customer C: Medium Segmented

Customer G, Customer F, Customer B: Low Segmented