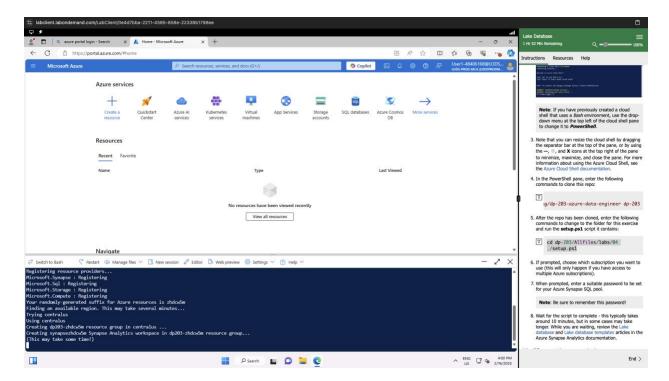
# Lab 4 Lake Database BUAN 6390.001 – Analytics Practicum

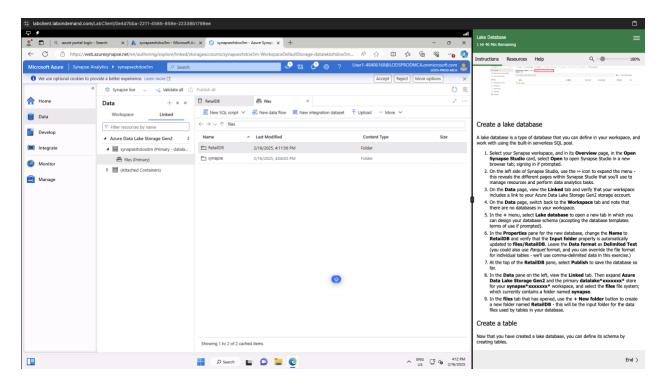
Name: Swastik Bhatnagar

NetID: sxb220210

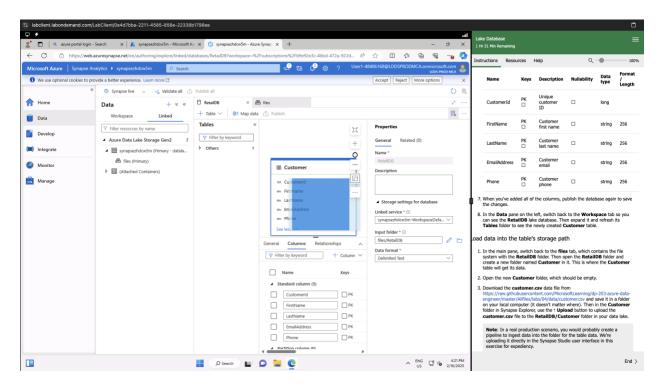
# Connecting to PowerShell:



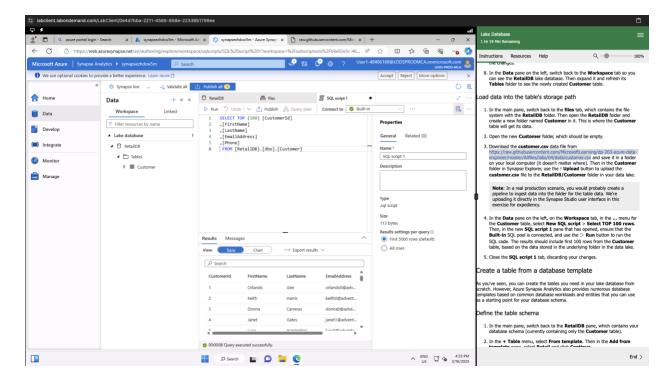
## Creating a Lake Database:



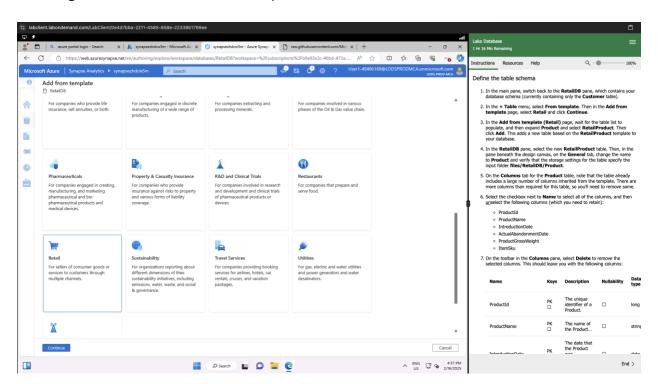
# Creating a Table:

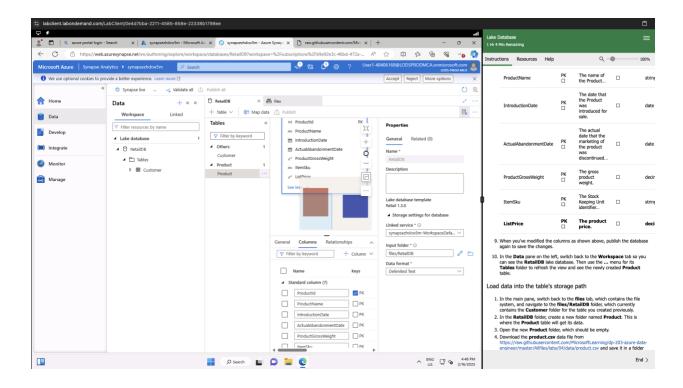


#### Loading data into the table's storage path:

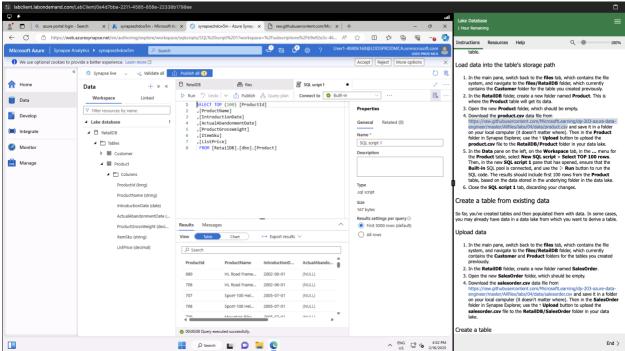


## Creating a table from a database template:

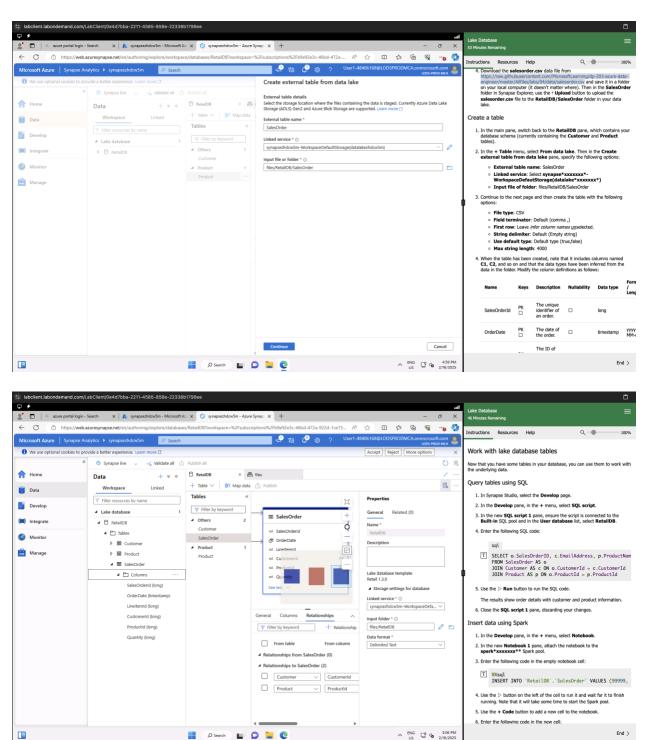




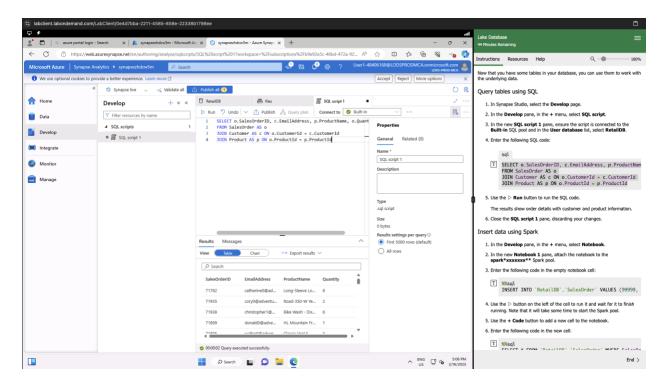
Loading data into table's storage path:



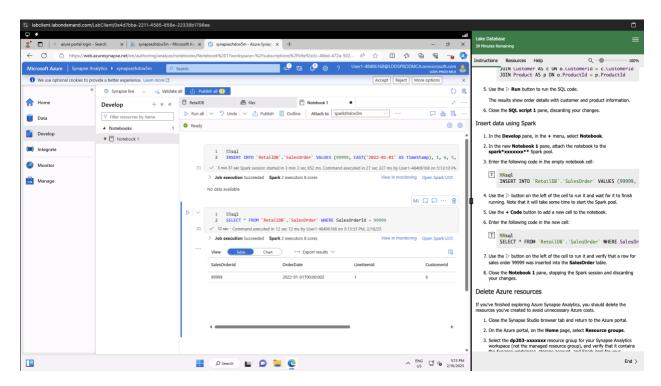
# Creating a table from existing data:



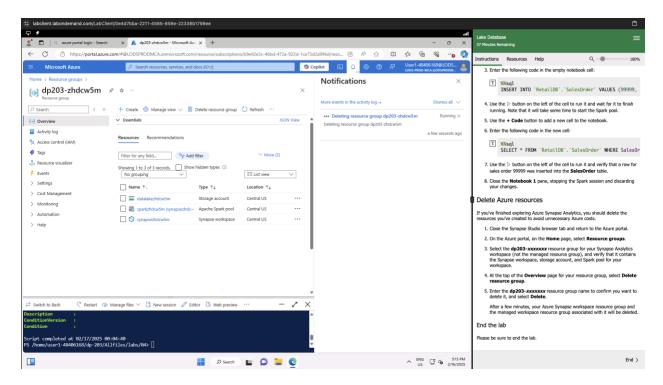
Now I have some tables in my database so I can use them to work with the underlying data:



## Inserting Data using Spark:



## Now Deleting Azure resources:



Conclusion: In this lab, I learned how to create and manage a Lake Database in Azure. I created tables, loaded data into storage paths, and worked with database templates. Additionally, I used Spark to insert data and explored different ways to interact with the underlying data. Finally, I practiced resource management by deleting Azure resources. This lab enhanced my understanding of data storage and processing in a cloud environment.