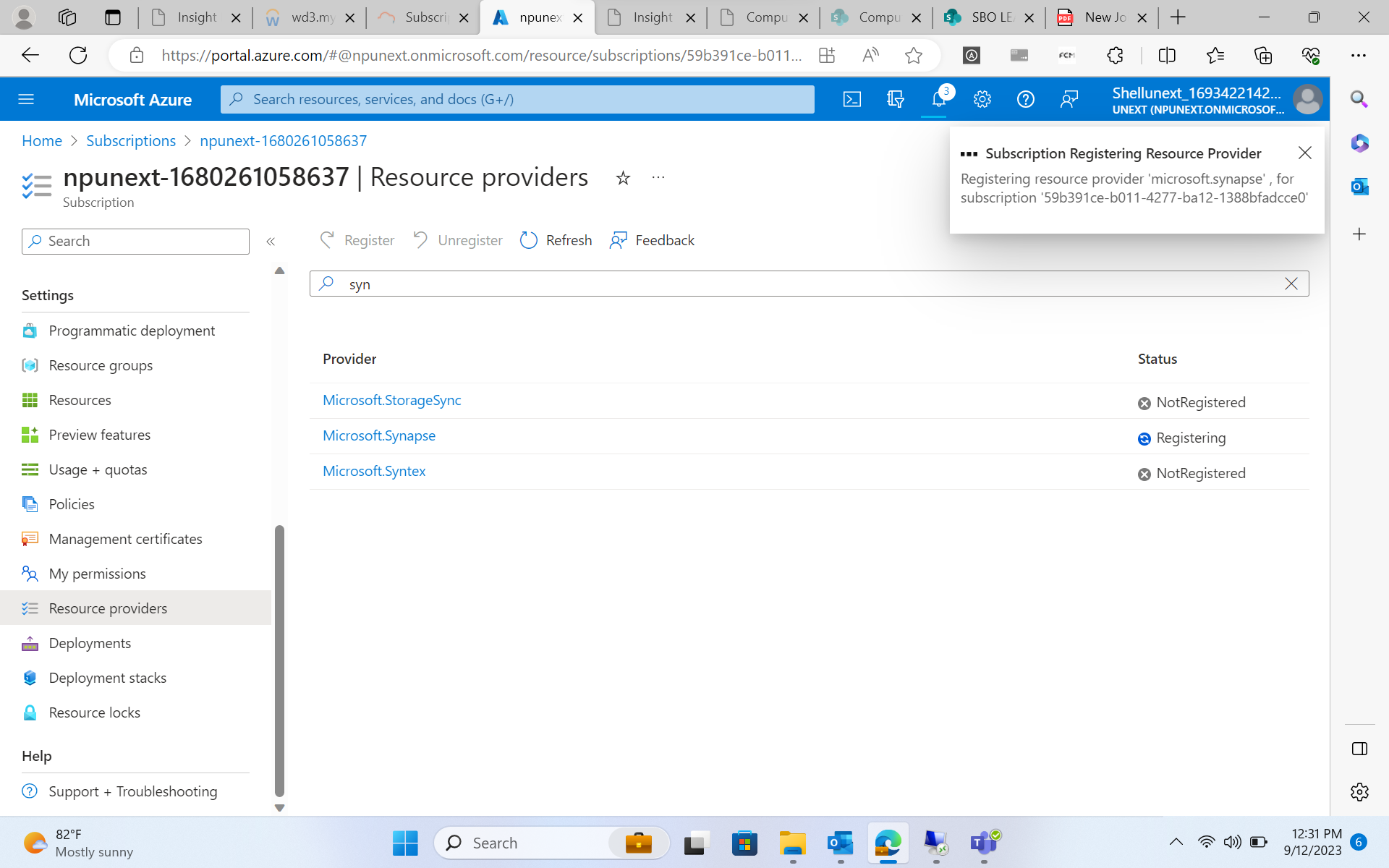
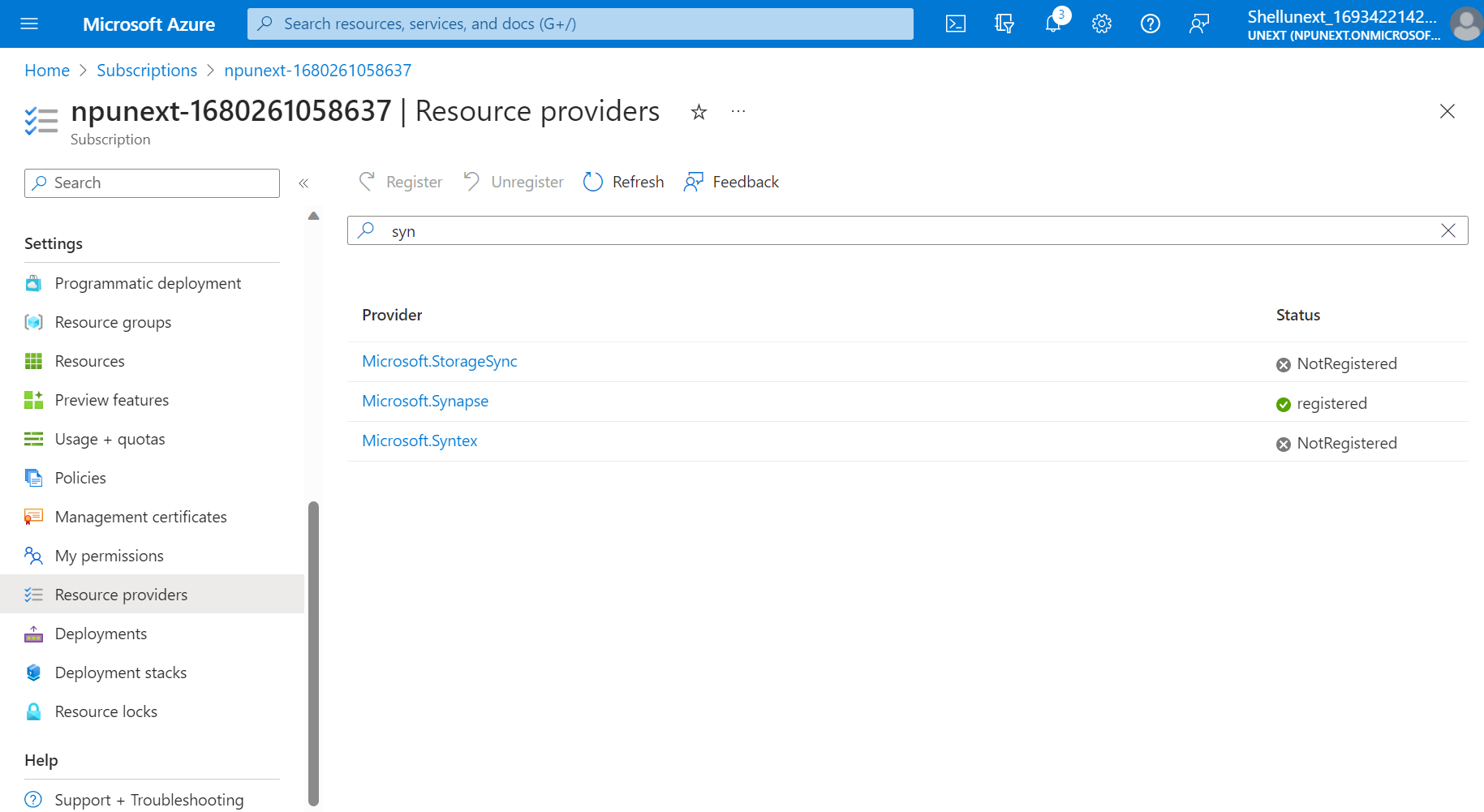
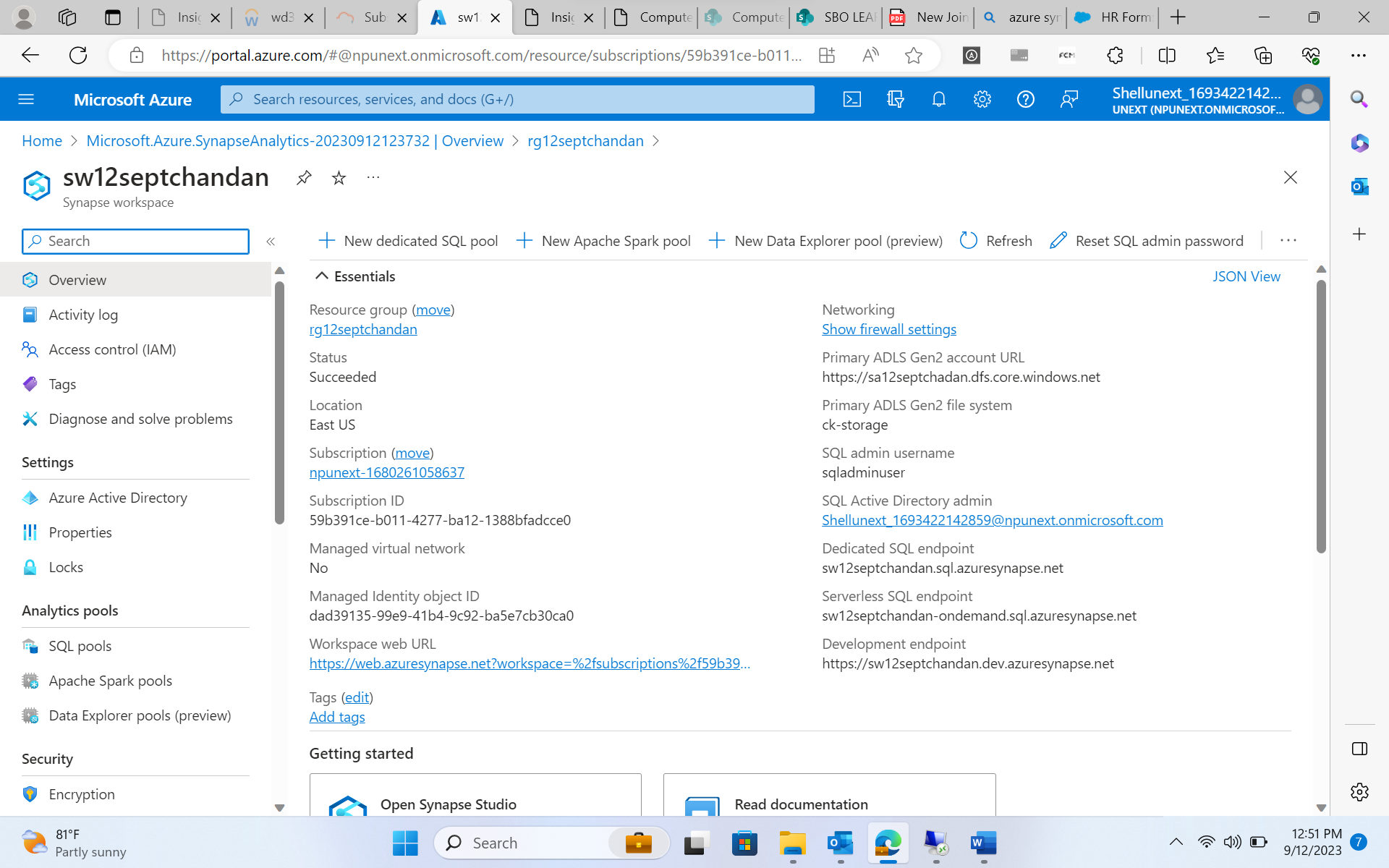
Enabling synapse by registering the service

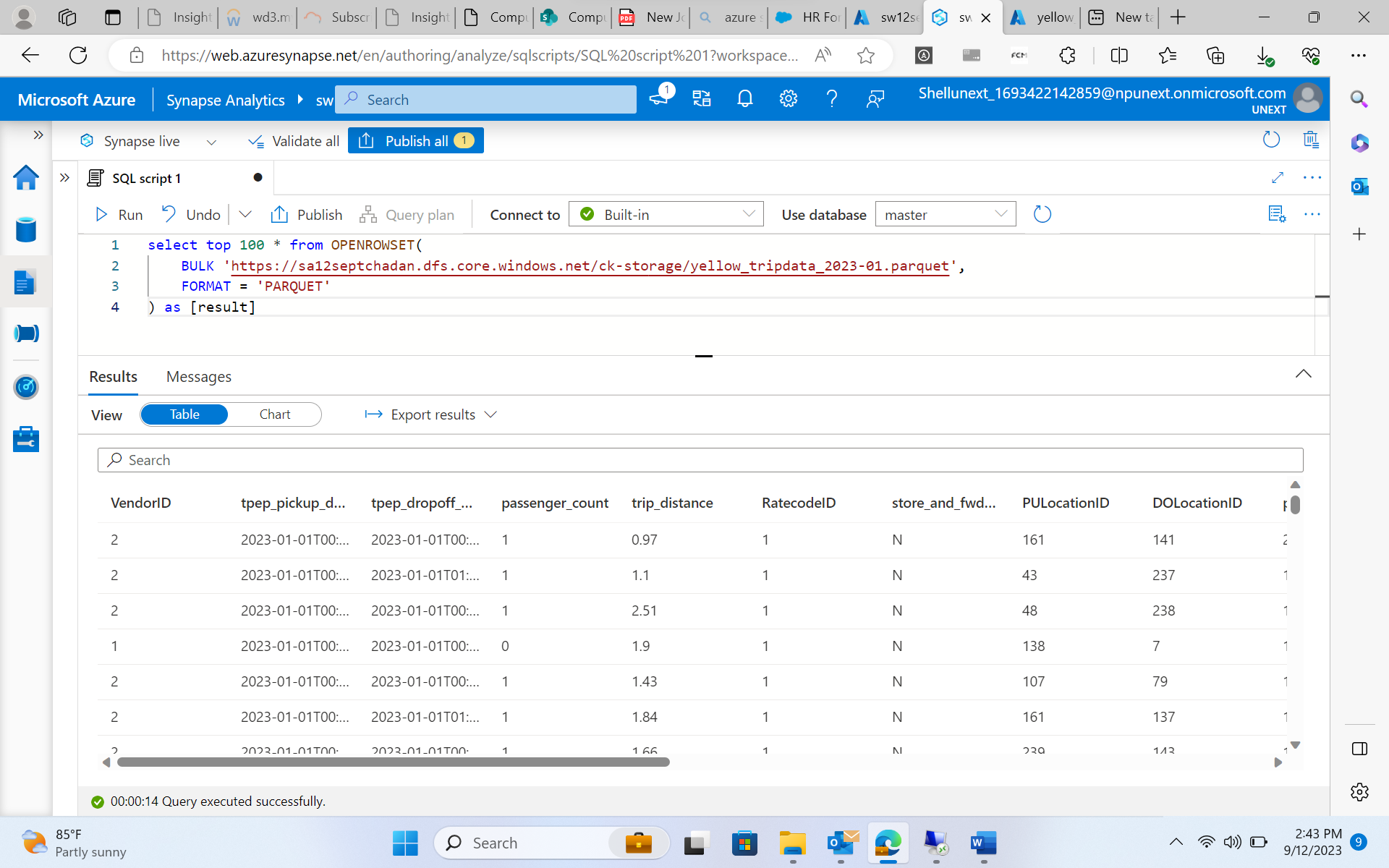
 

Synapse



Loading a parquet file to container

Loading the file to synapse using sql pool



Dynamic table using openrawset:

select top 100 \* from OPENROWSET(

    BULK 'https://sa12septchadan.dfs.core.windows.net/ck-storage/yellow\_tripdata\_2023-01.parquet',

    FORMAT = 'PARQUET'

) as [result]

Creating a database, by default master db is

CREATE DATABASE DataExploration

COLLATE Latin1\_General\_100\_BIN2\_UTF8

Change to created db

use DataExploration

creation of the bag to carry out the data at batch from file to sql

CREATE EXTERNAL DATA SOURCE dssa12septchandan

WITH (LOCATION = 'https://sa12septchadan.dfs.core.windows.net')

Create a user for sql pool password

CREATE LOGIN user\_data\_explorer WITH PASSWORD='Localhost@12345'

Create login is pool user

Create a user for db:

CREATE USER userdb\_data\_explorer FOR LOGIN user\_data\_explorer;

GO

Granting permission:

GRANT ADMINISTER DATABASE BULK OPERATIONS to userdb\_data\_explorer;

GO

Retrieving the data from parquet file using external data source and sql pool:

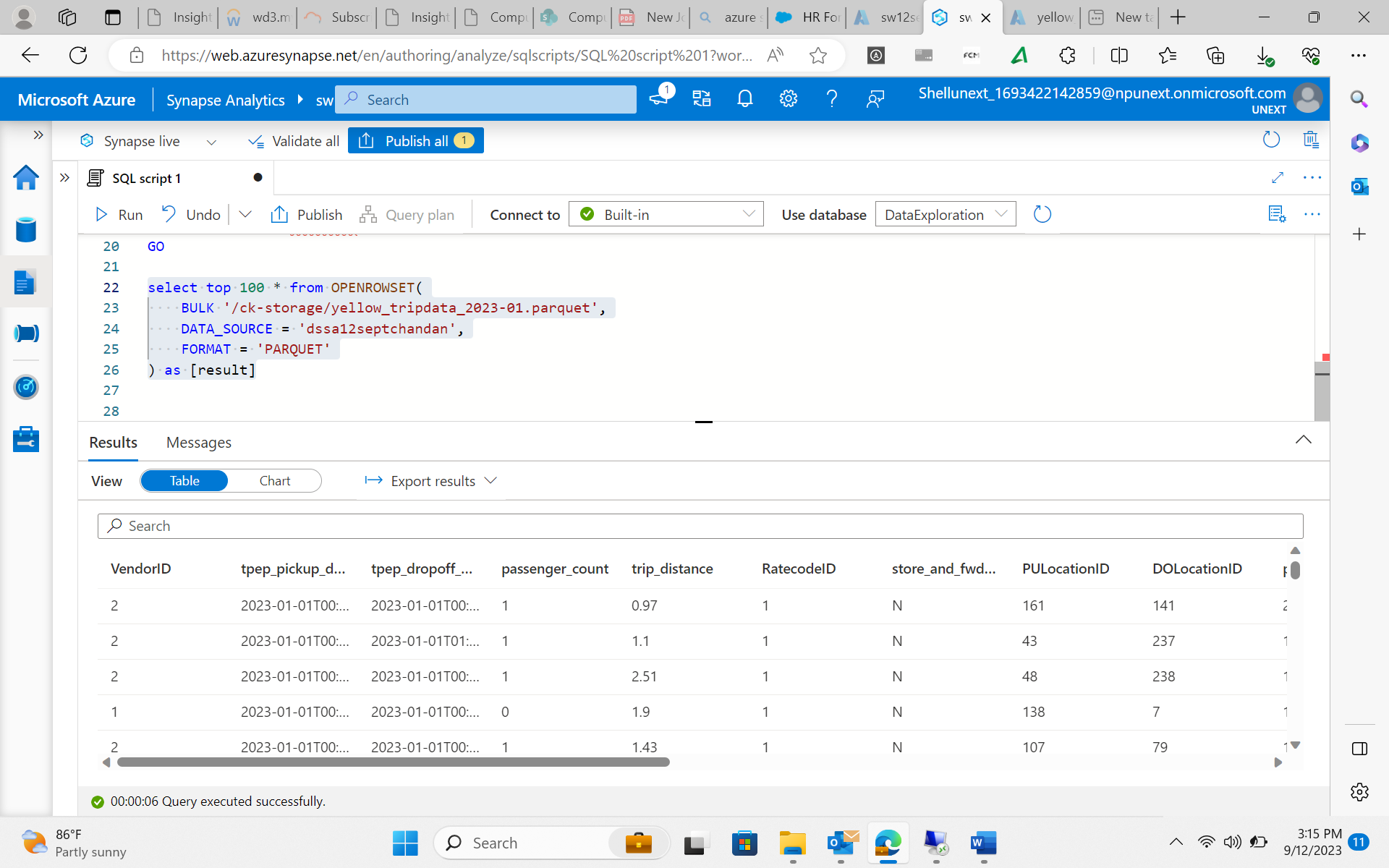
select top 100 \* from OPENROWSET(

    BULK '/ck-storage/yellow\_tripdata\_2023-01.parquet',

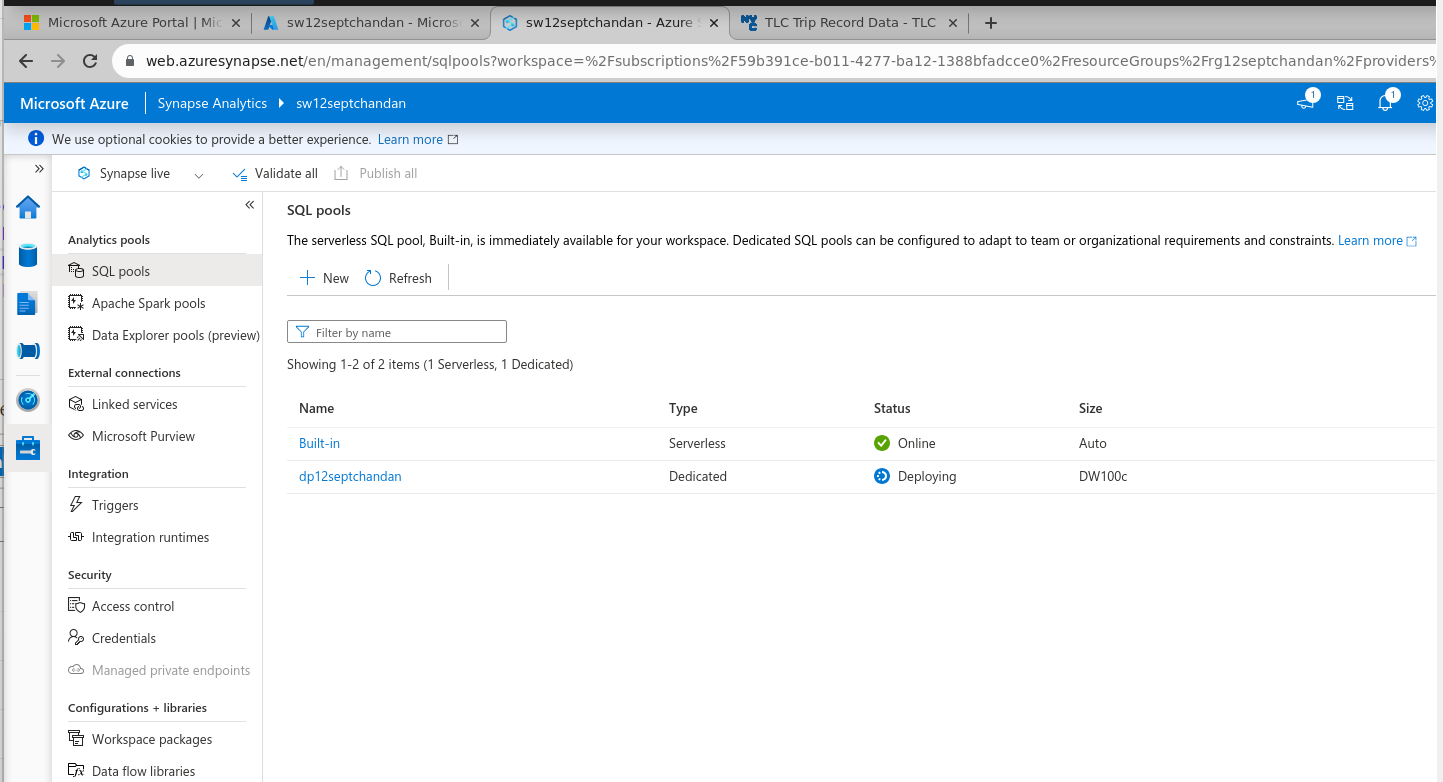
    DATA\_SOURCE = 'dssa12septchandan',

    FORMAT = 'PARQUET'

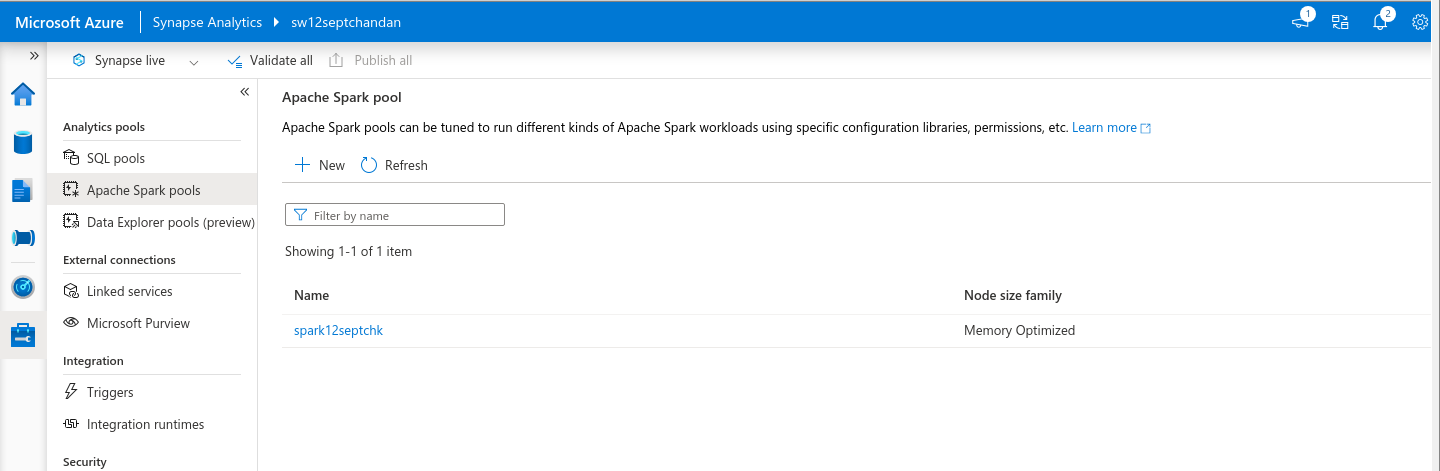
) as [result]

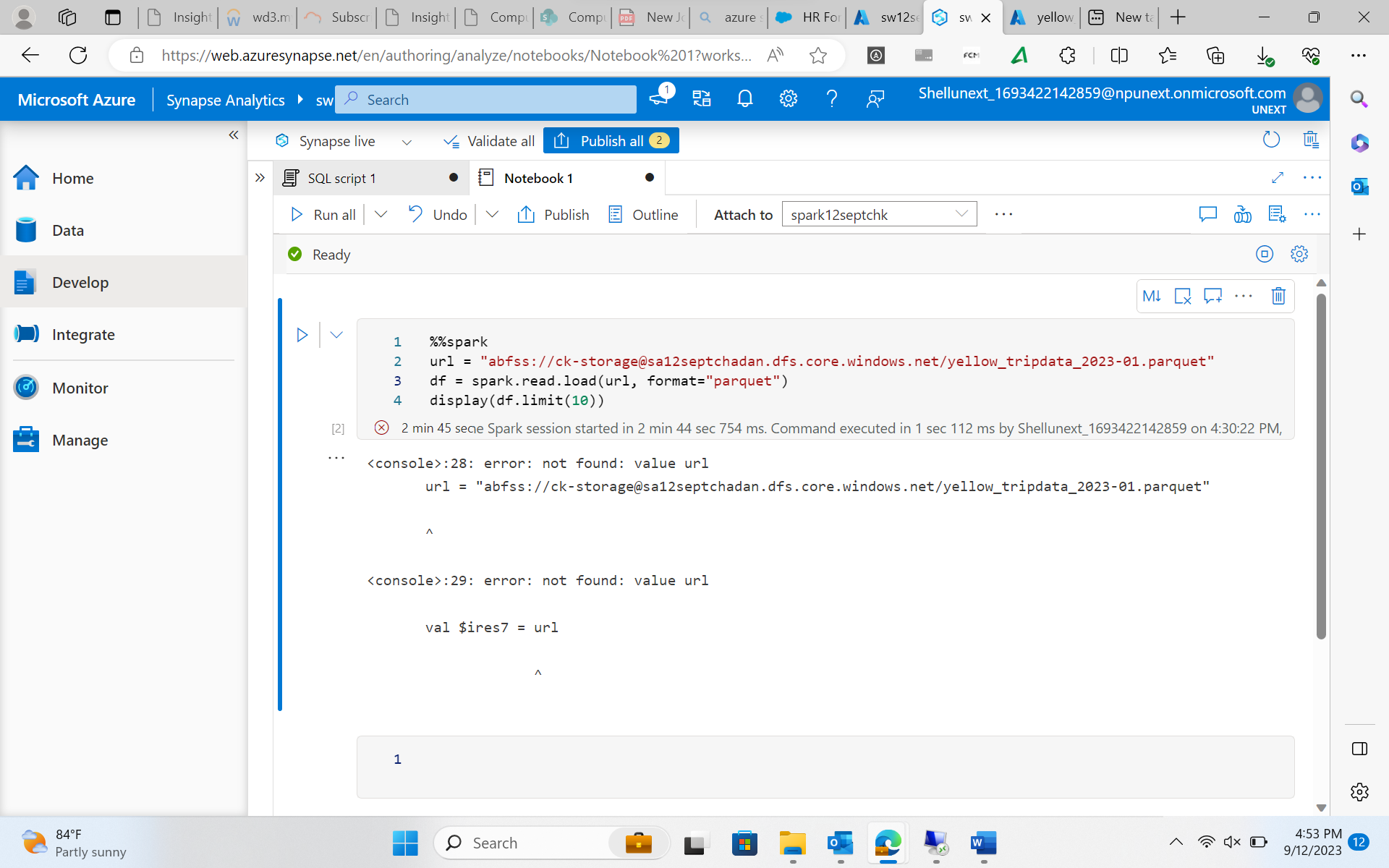


Creating dedication sql pool:



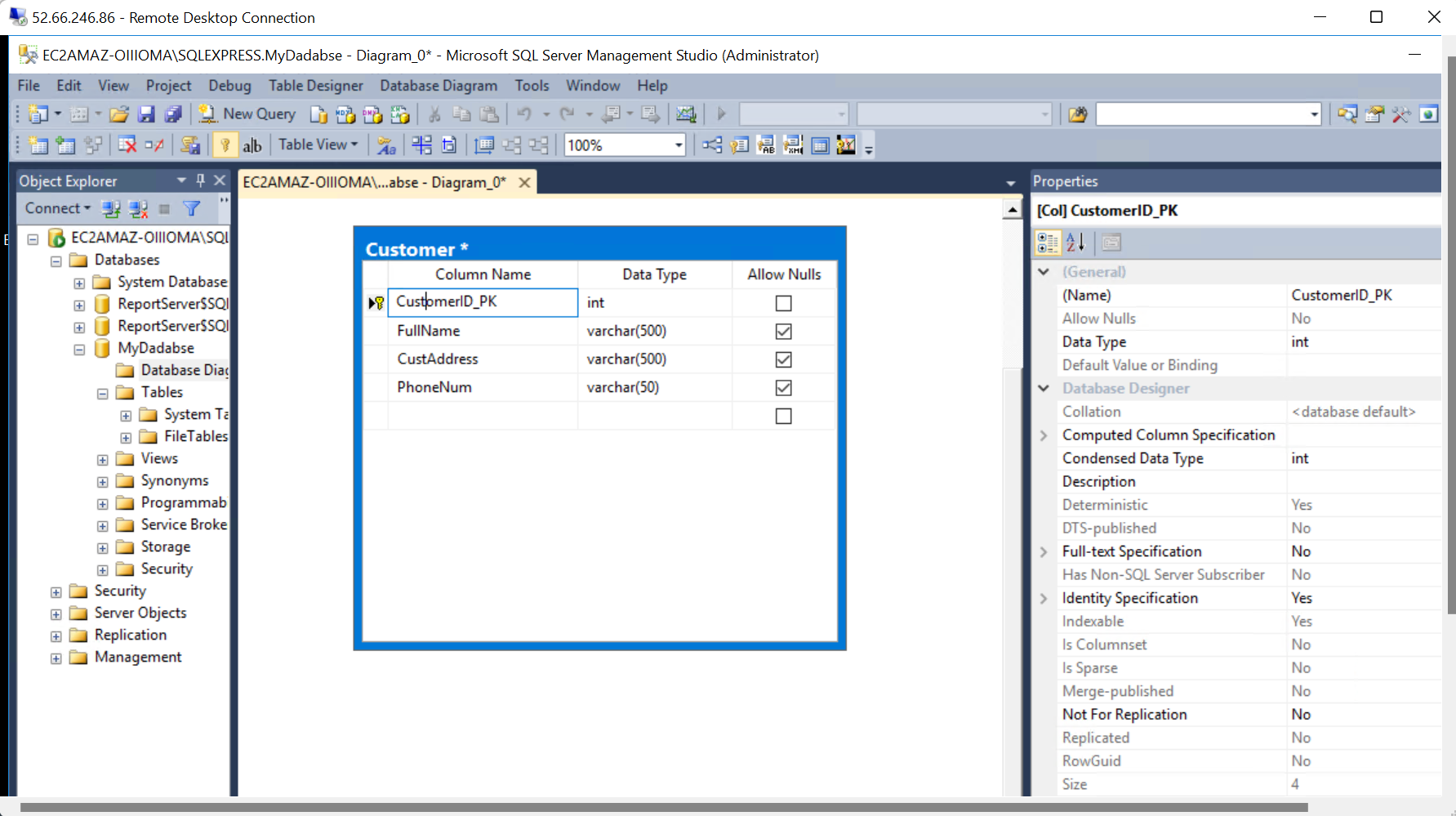
Creating a spark pool:



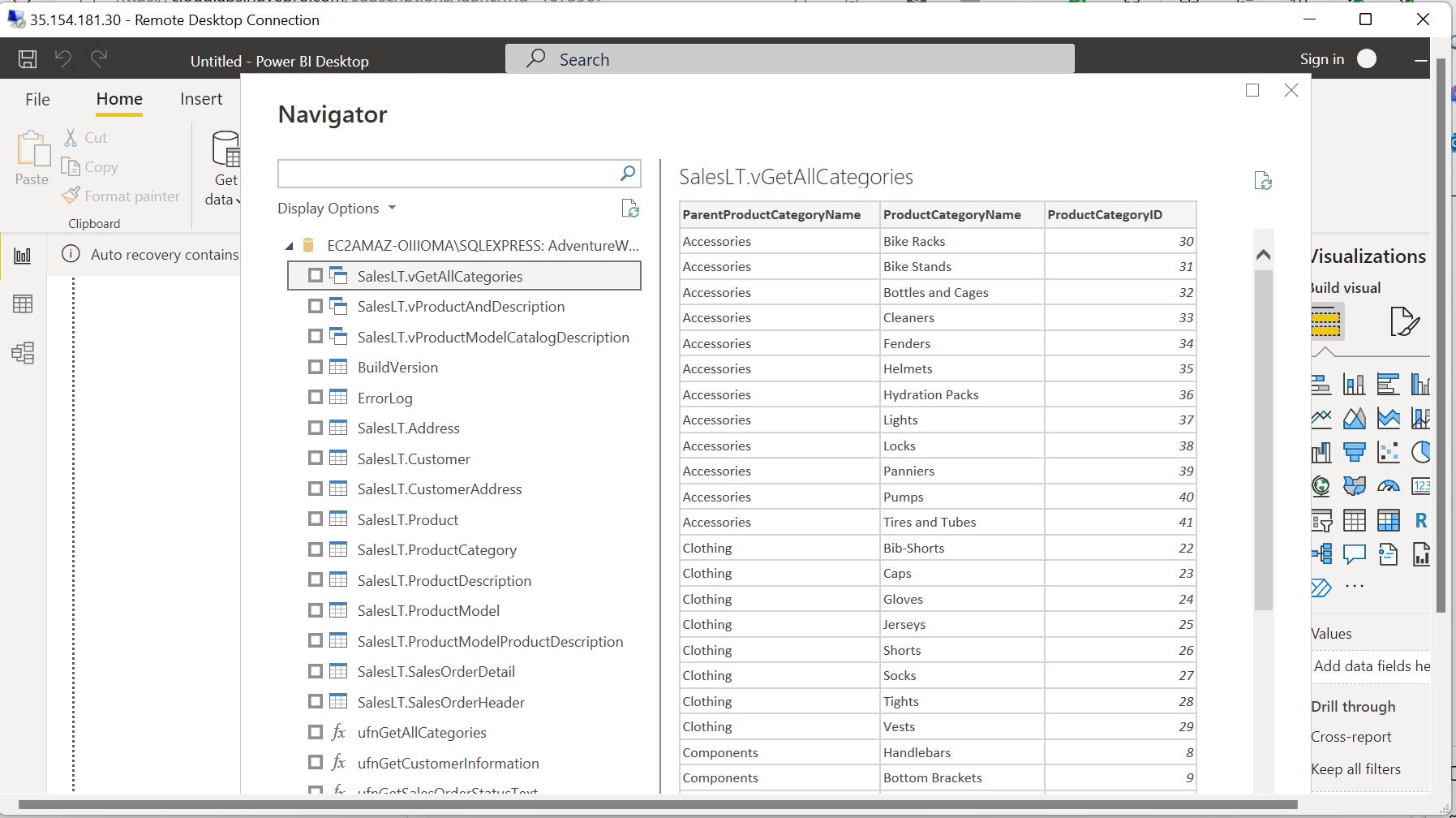


Wed:

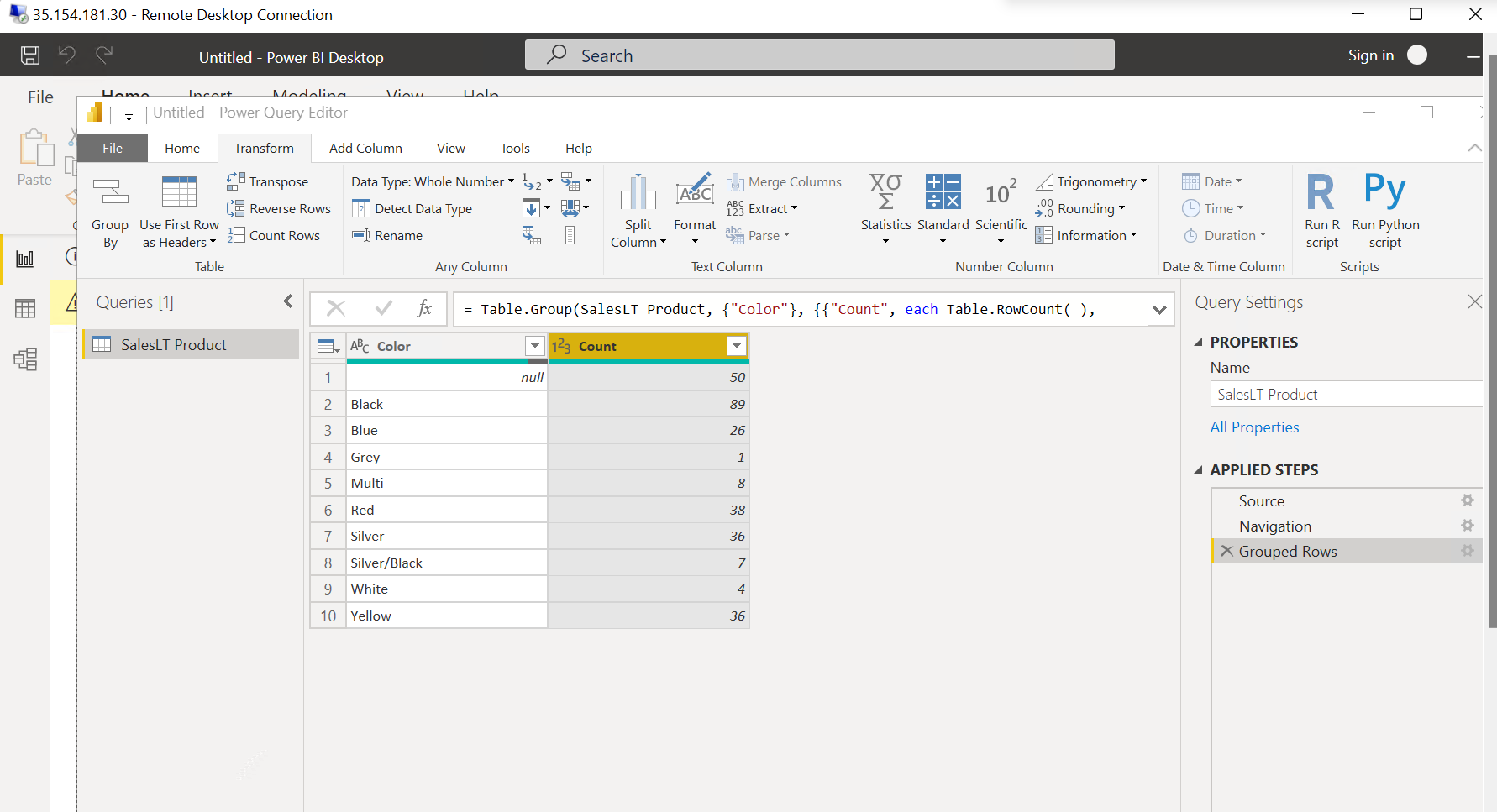
Database creation and table creation:

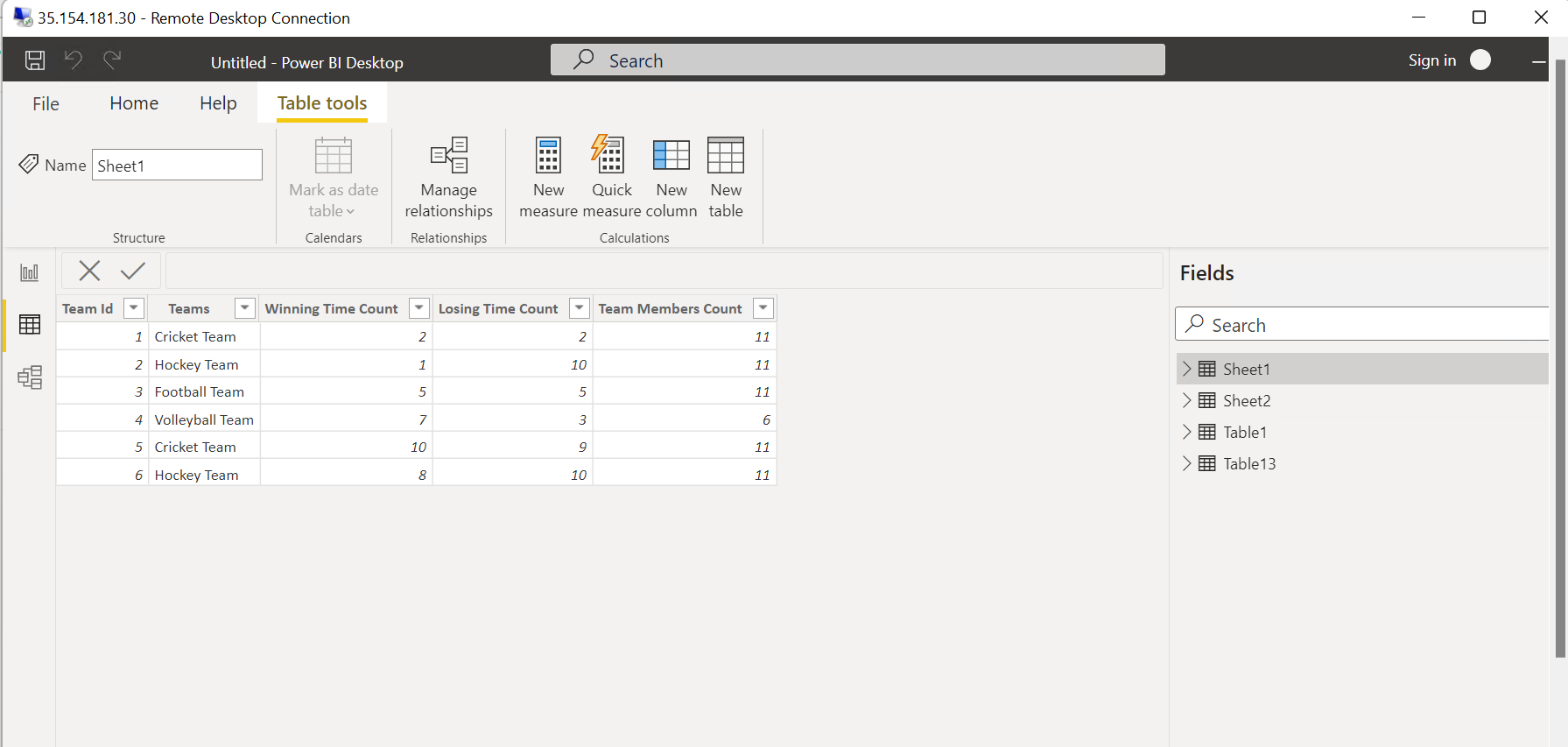


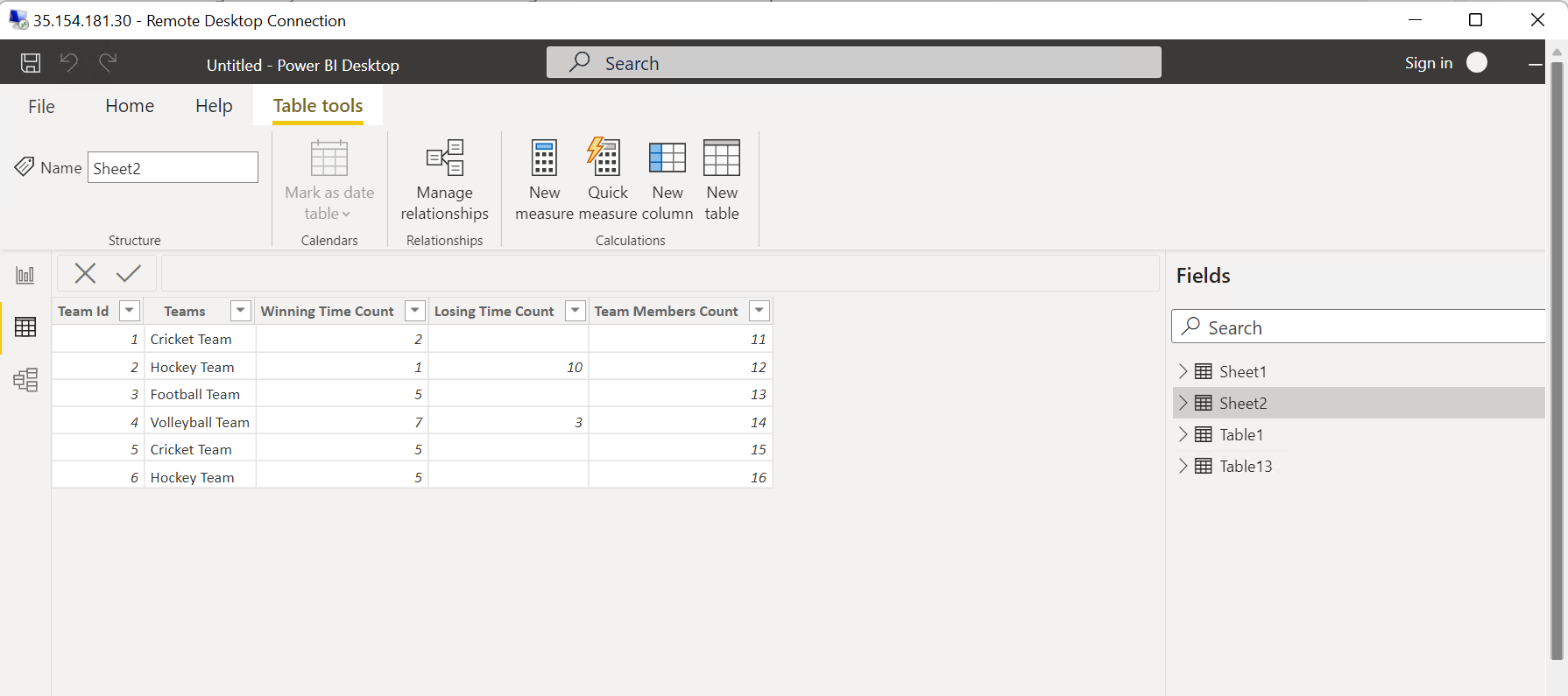
DATA IN POWERBI AFTER IMPORTING FROM SQL

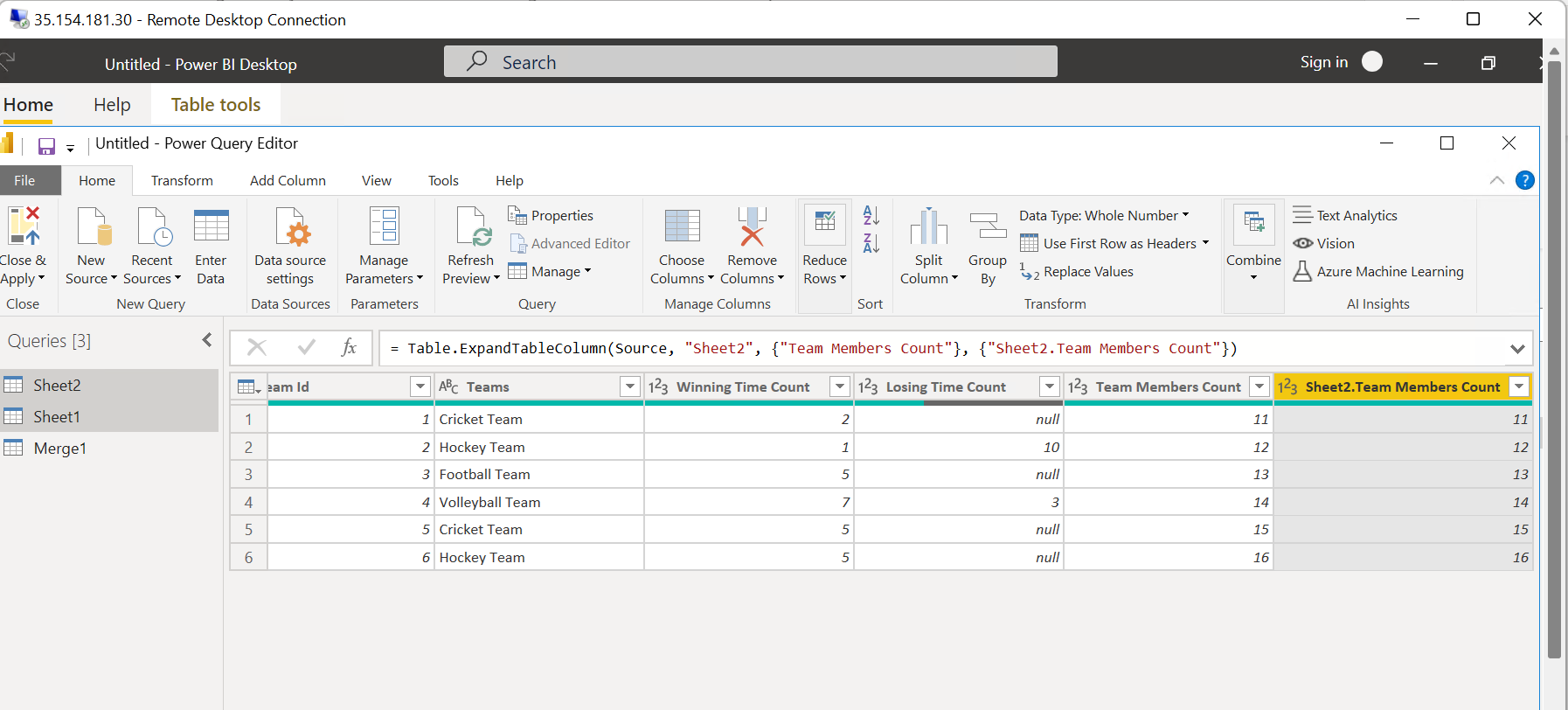


OPERATIONS ON THE IMPORTED DATA

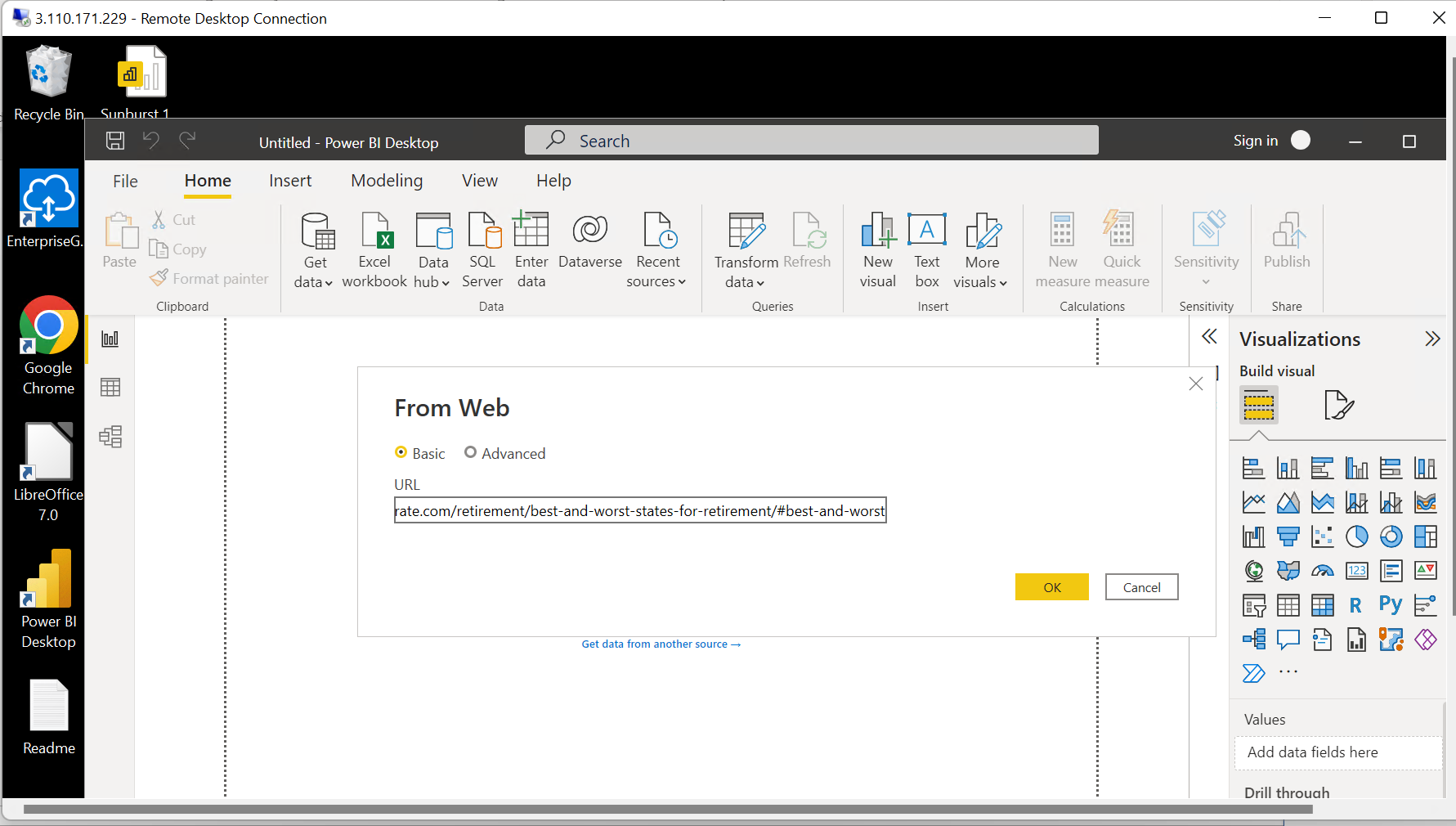








Webscrapping using powerbi:



Result:

