Seattle Airbnb Open Data - SQL Project

Analysis of Airbnb activity in Seattle, WA



For the dataset, I've used the Airbob Data Set

Objective:

To conduct a comprehensive analysis of the feasibility and profitability of establishing an Airbnb accommodation in Seattle, Washington, in order to determine whether such an endeavor would be economically advantageous and align with strategic business objectives.

Uploading Dataset on Storage Account

First I've uploaded my Dataset into the my storage account under a new container airbnb-data - Data - calendar.csv, listing.csv and reviews.csv



Creating Data Source & External

To establish a connection between the dataset and Power BI, it is necessary to create an external table within Synapse Studio. I've used the following script to create an External Data Source, Creating a schema and creating external table

```
-- Creating a external Data Source

CHANTE EXTERNAL DATA SOURCE airbib_data_source

3 NITH(
4 1002TION = "abfas://airbib-dataSneworkspace.dfs.core.windows.net/Bata")

7 -- Creating a CDV File Format

1 IT NOT EXERTS (SELECT * FROM sys.external_file_formats WHENE name = 'csv_file_format')

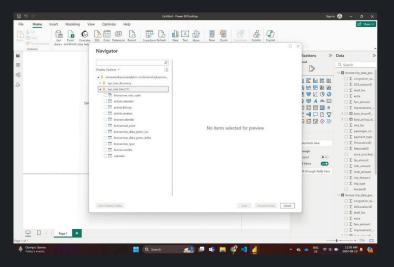
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Connecting Dataset to PowerBI

Connecting the PowerBI with azure synapse studio



Loading the dataset

