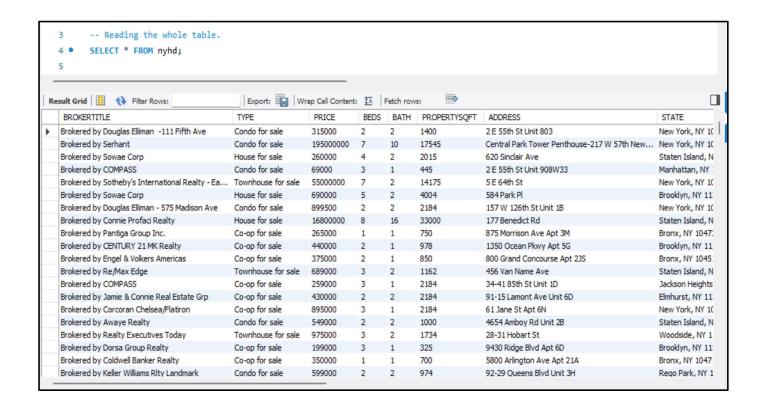


Reading the whole table.

INSIGHT 1

SELECT * FROM nyhd;

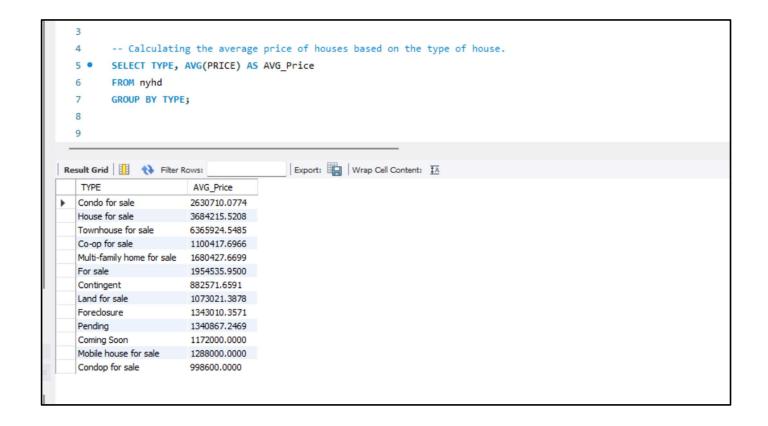
This query returns all the data from the table. It provides insight into the fields and records of the table.



Calculating the average price of houses based on the type of house.

SELECT TYPE, AVG(PRICE)
AS AVG_Price
FROM nyhd
GROUP BY TYPE;

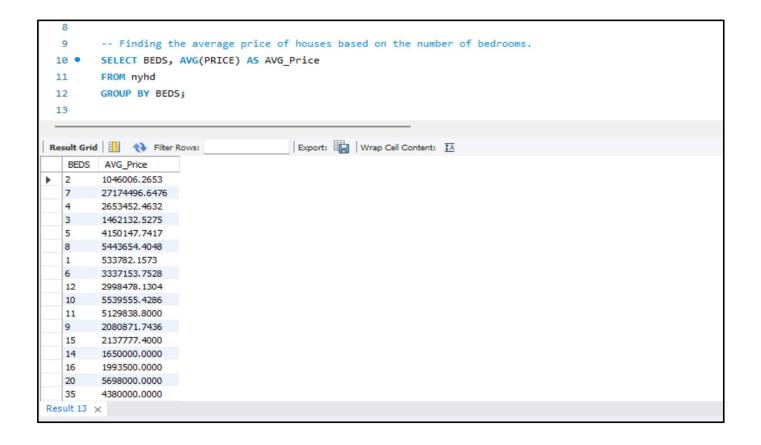
This query returns the average price of houses based on type from table 'nyhd'. It provides insight into the price variation of different types of houses.



Finding the average price of houses based on the number of bedrooms.

SELECT BEDS, AVG(PRICE)
AS AVG_Price
FROM nyhd
GROUP BY BEDS;

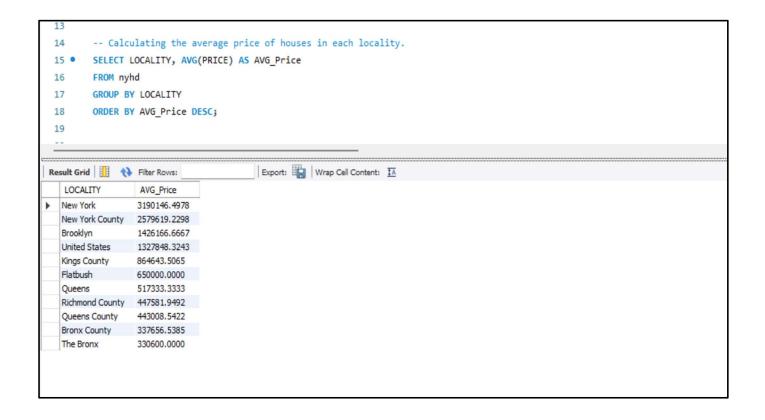
This query returns the average price of houses based on the number of bedrooms. It provides insight into the price variation of houses according to capacity.



Calculating the average price of houses in each locality.

SELECT LOCALITY, AVG(PRICE) AS AVG_Price FROM nyhd GROUP BY LOCALITY ORDER BY AVG Price DESC;

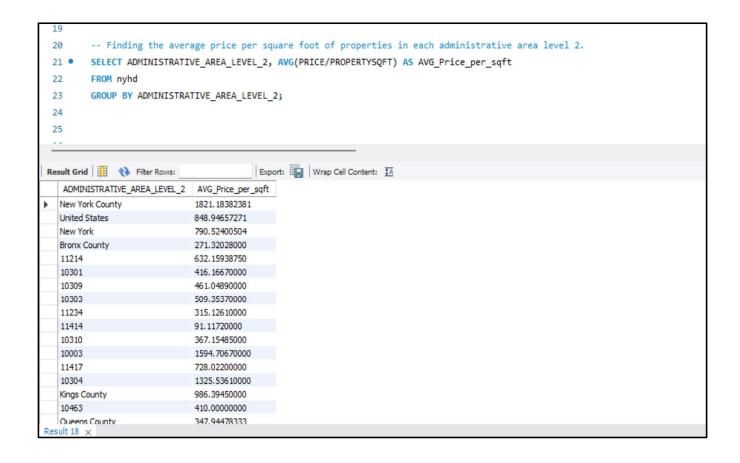
This query returns the average price of houses based on locality. It provides insight into the price variation of houses in different localities.



Finding the average price per square foot of properties in each administrative area level 2.

SELECT
ADMINISTRATIVE_AREA_LEVEL_
2, AVG(PRICE/PROPERTYSQFT)
AS AVG_Price_per_sqft
FROM nyhd
GROUP BY
ADMINISTRATIVE_AREA_LEVEL_
2;

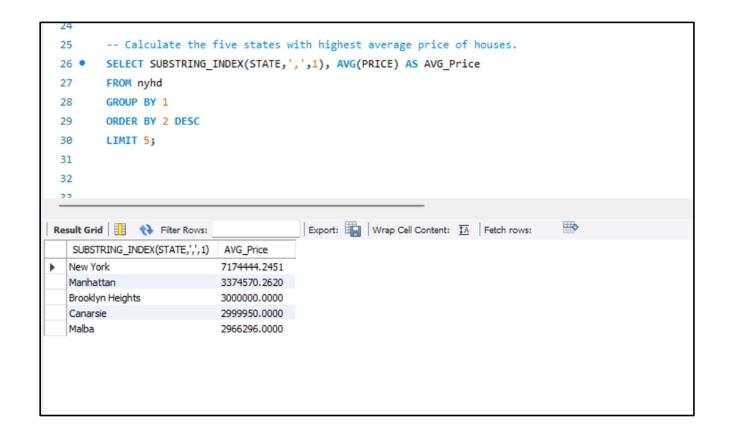
This query returns the average price per square foot of properties based on each administrative area level 2. It provides insight into the price variation per square foot depending on the administrative area level 2 of houses.



Calculate the five states with highest average price of houses.

SELECT SUBSTRING_INDEX(STATE,',',1), AVG(PRICE) AS AVG_Price FROM nyhd GROUP BY 1 ORDER BY 2 DESC LIMIT 5;

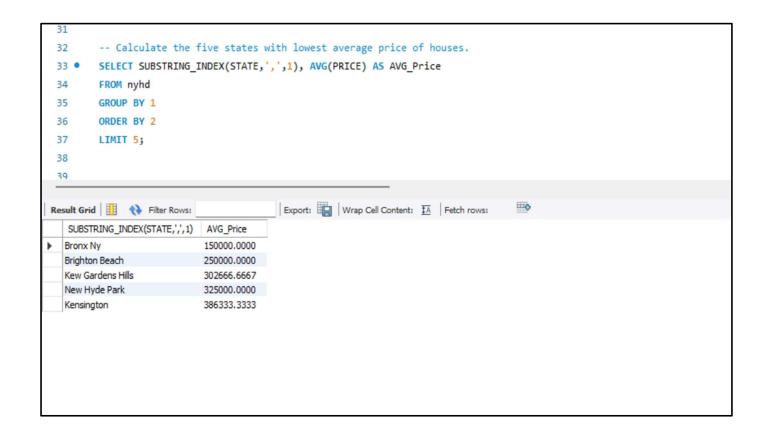
This query returns the 5 states with highest average price of houses. It provides insight into the states with most expensive houses.



Calculate the five states with lowest average price of houses.

SELECT SUBSTRING_INDEX(STATE,',',1), AVG(PRICE) AS AVG_Price FROM nyhd GROUP BY 1 ORDER BY 2 LIMIT 5;

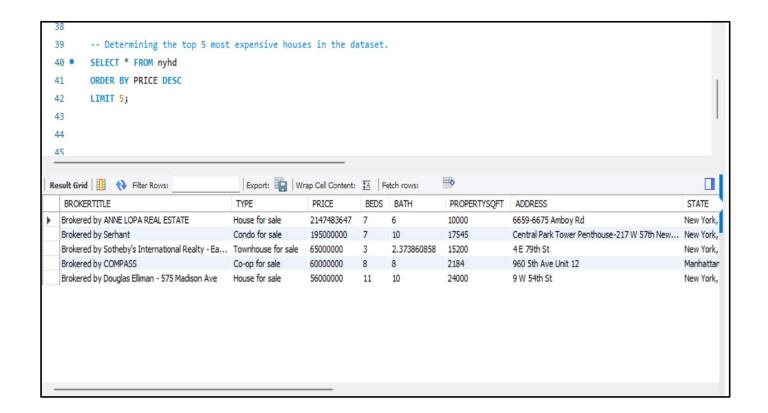
This query returns the 5 states with lowest average price of houses. It provides insight into the states with most affordable houses.



Determining the top 5 most expensive houses in the dataset.

SELECT * FROM nyhd
ORDER BY PRICE DESC
LIMIT 5;

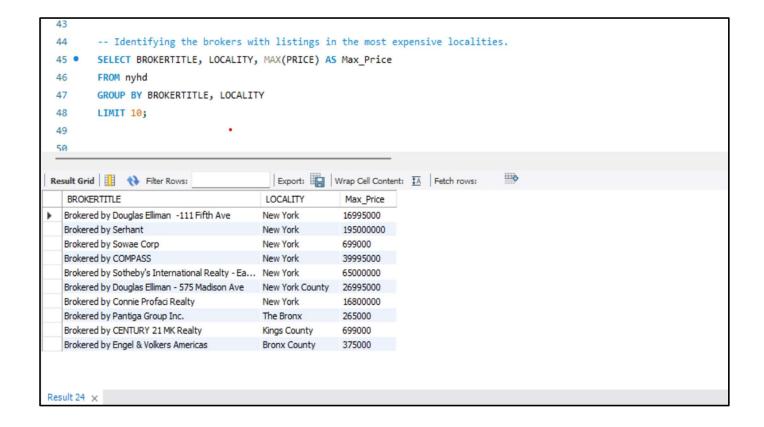
This query returns the details of 5 houses with highest prices. It provides insight into the most expensive houses in the dataset



Identifying the brokers with listings in the most expensive localities.

SELECT BROKERTITLE, LOCALITY, MAX(PRICE) AS Max_Price FROM nyhd GROUP BY BROKERTITLE, LOCALITY LIMIT 10;

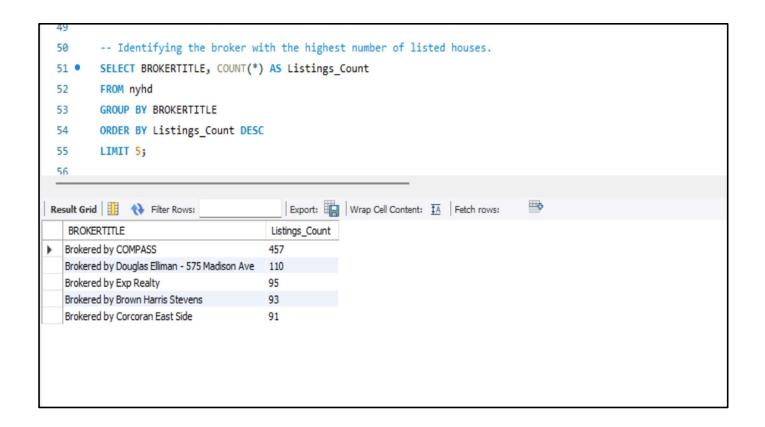
This query returns the maximum price of houses based on locality and broker. It shows the brokers with listings in the most expensive localities.



Identifying the broker with the highest number of listed houses.

SELECT BROKERTITLE, COUNT(*) AS Listings_Count FROM nyhd GROUP BY BROKERTITLE ORDER BY Listings_Count DESC LIMIT 5;

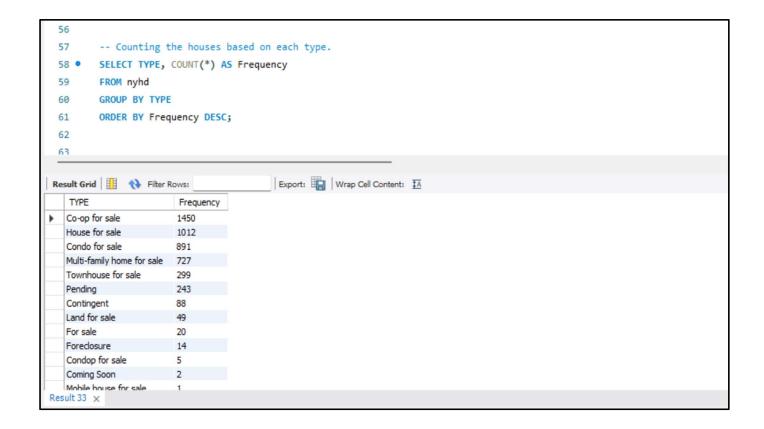
This query returns the 5 brokers with the highest count of house. It shows the brokers with the highest number of listed houses.



Counting the number houses based on each type.

SELECT TYPE, COUNT(*) AS Frequency FROM nyhd GROUP BY TYPE ORDER BY Frequency DESC;

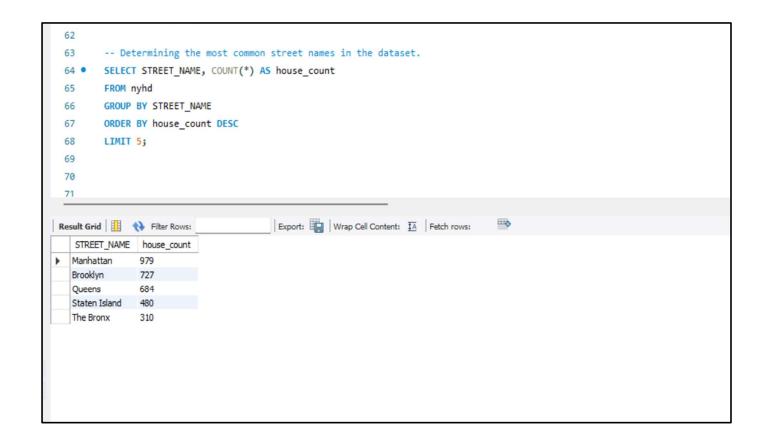
This query returns the number houses based on each type. It shows the count of each type of houses available in the market.



Determining the most common street names in the dataset.

SELECT STREET_NAME, COUNT(*) AS house_count FROM nyhd GROUP BY STREET_NAME ORDER BY house_count DESC LIMIT 5;

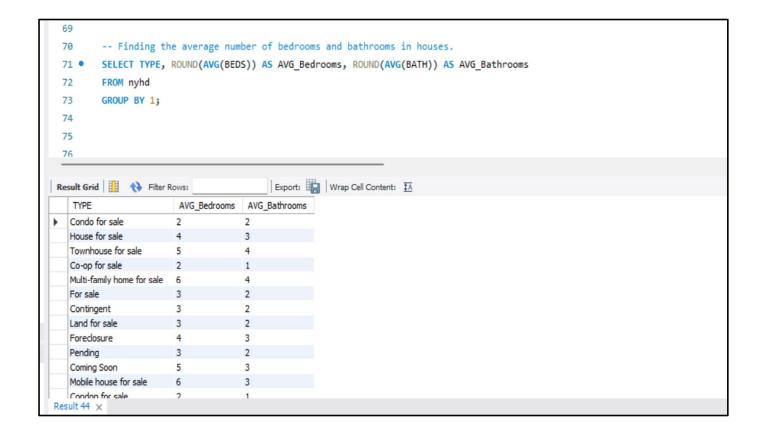
This query returns the 5 street names with highest number of houses. It shows the most common street names with maximum number of houses.



Finding the average number of bedrooms and bathrooms in houses.

SELECT TYPE, ROUND(AVG(BEDS)) AS AVG_Bedrooms, ROUND(AVG(BATH)) AS AVG_Bathrooms FROM nyhd GROUP BY 1;

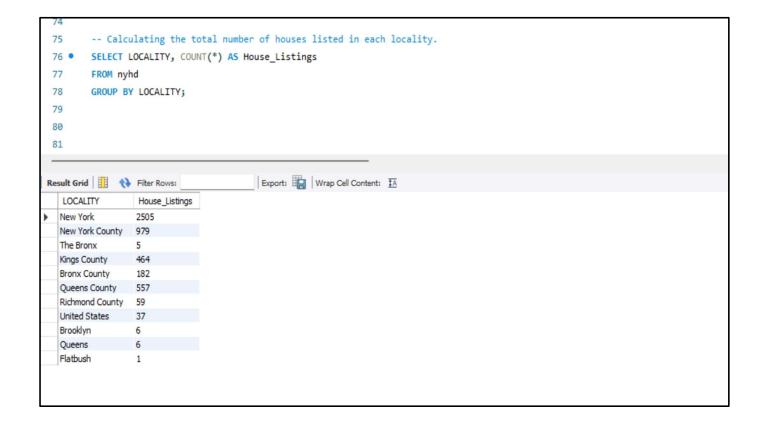
This query returns the average number of beds and baths based on the type of houses. It shows the variation in capacity of houses depending on type.



Calculating the total number of houses listed in each locality.

SELECT LOCALITY, COUNT(*)
AS House_Listings
FROM nyhd
GROUP BY LOCALITY;

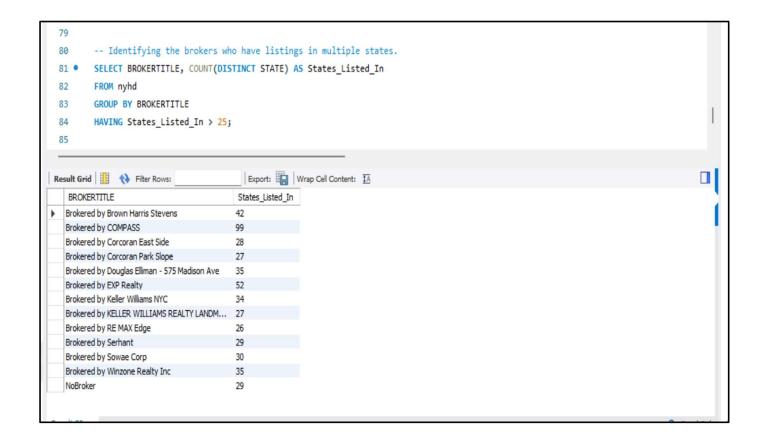
This query returns the number houses based on locality. It shows the count of houses available in each locality.



Identifying the brokers who have listings in more than 25 states.

SELECT BROKERTITLE, COUNT(DISTINCT STATE) AS States_Listed_In FROM nyhd GROUP BY BROKERTITLE HAVING States Listed In > 25;

This query returns the brokers title who has listings in more than 25 states. It provides insight on the brokers who deals on a large scale.



Identifying the types and total number of houses in New York state.

SELECT TYPE, COUNT(*) as house_count FROM nyhd WHERE STATE LIKE "New York%" GROUP BY 1;

This query returns the types and number of houses in New York state. It provides insight into the type and count of houses available in New York state.

