ב"ה

פרטי הדיירים שיש להם יותר מ-4 מכשירים מושאלים, וכמות המכשירים שמושאלים אצלם:

SELECT r.resident\_id, r.r\_fname AS first\_name, r.r\_lname AS last\_name, COUNT(m.equipment\_id) AS total\_devices

FROM residents r

JOIN medicalequipmentreceiving m ON r.resident\_id = m.resident\_id

GROUP BY r.resident\_id, r.r\_fname, r.r\_lname

HAVING COUNT(m.equipment\_id) > 4

ORDER BY r.resident\_id;



מציאת המכשיר שמושאל הכי הרבה, וכמות ההשאלות שלו:

SELECT

equipment\_type,

COUNT(equipment\_id) AS total\_rentals

FROM

medicalequipmentreceiving

GROUP BY

equipment\_type

HAVING

COUNT(equipment\_id) >= ALL (

SELECT

COUNT(equipment\_id)

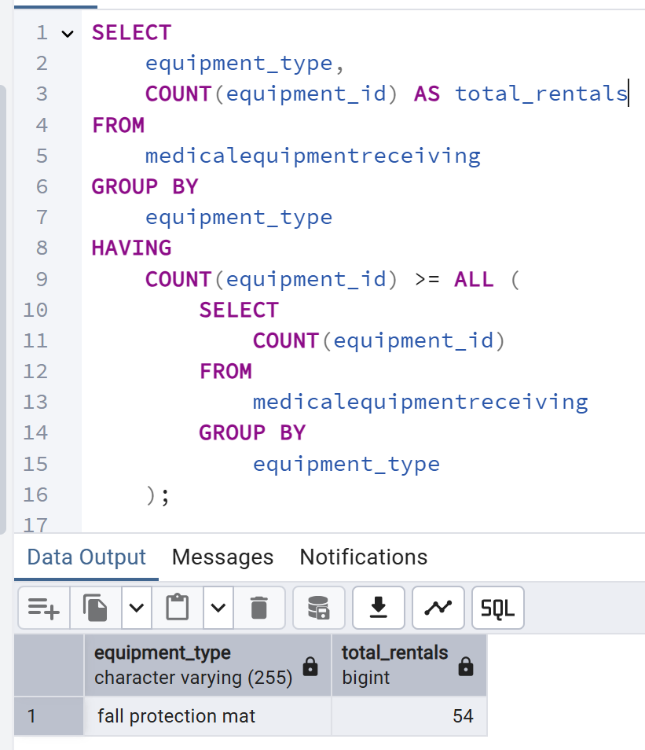
FROM

medicalequipmentreceiving

GROUP BY

equipment\_type

);



כמות המכשירים שמושאלים כרגע מכל סוג, ממוין לפי כמות:

SELECT

equipment\_type AS device\_type,

COUNT(\*) AS currently\_rented\_count

FROM

medicalequipmentreceiving

WHERE

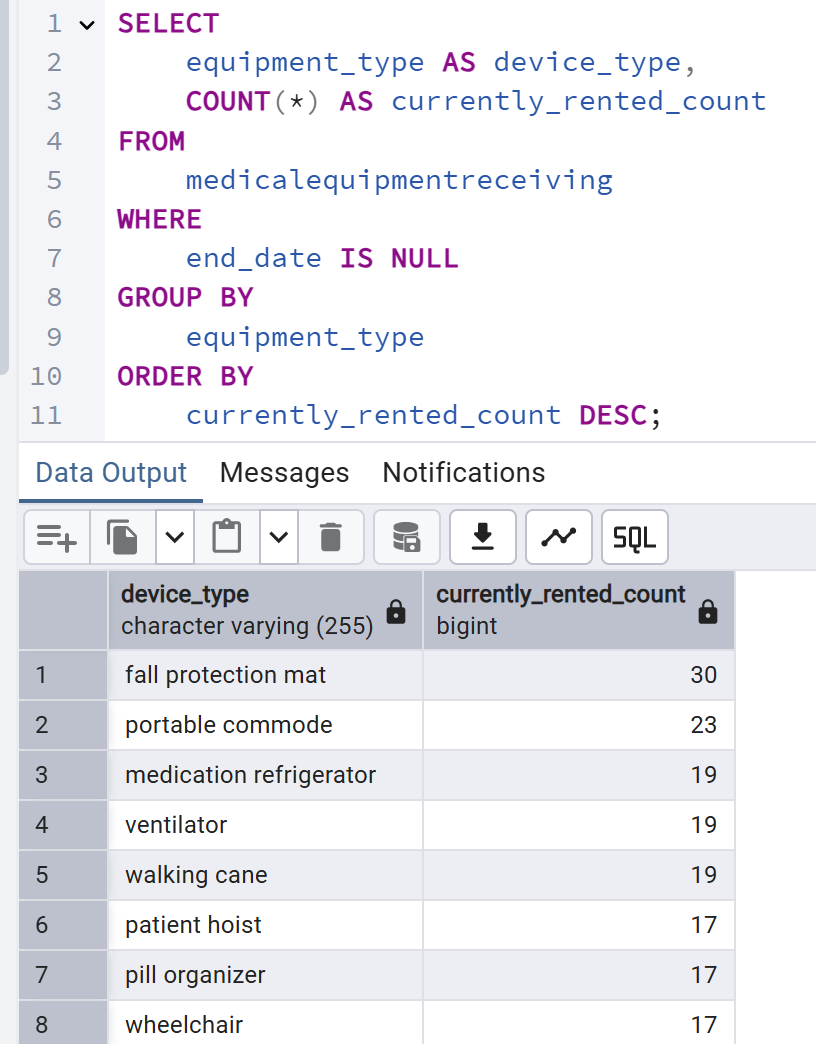
end\_date IS NULL

GROUP BY

equipment\_type

ORDER BY

currently\_rented\_count DESC;



שמות הרופאים שביצעו הכי הרבה ביקורים:

SELECT

d.doc\_id,

d.doc\_fname AS first\_name,

d.doc\_lname AS last\_name,

COUNT(mt.treatmenttime) AS total\_treatments

FROM

doctors d

JOIN

medicaltreatments mt ON d.doc\_id = mt.doc\_id

WHERE

d.doc\_id IN (

SELECT

mt.doc\_id

FROM

medicaltreatments mt

GROUP BY

mt.doc\_id

HAVING

COUNT(mt.treatmenttime) >= ALL (

SELECT

COUNT(mtt.doc\_id)

FROM

medicaltreatments mtt

GROUP BY

mtt.doc\_id

)

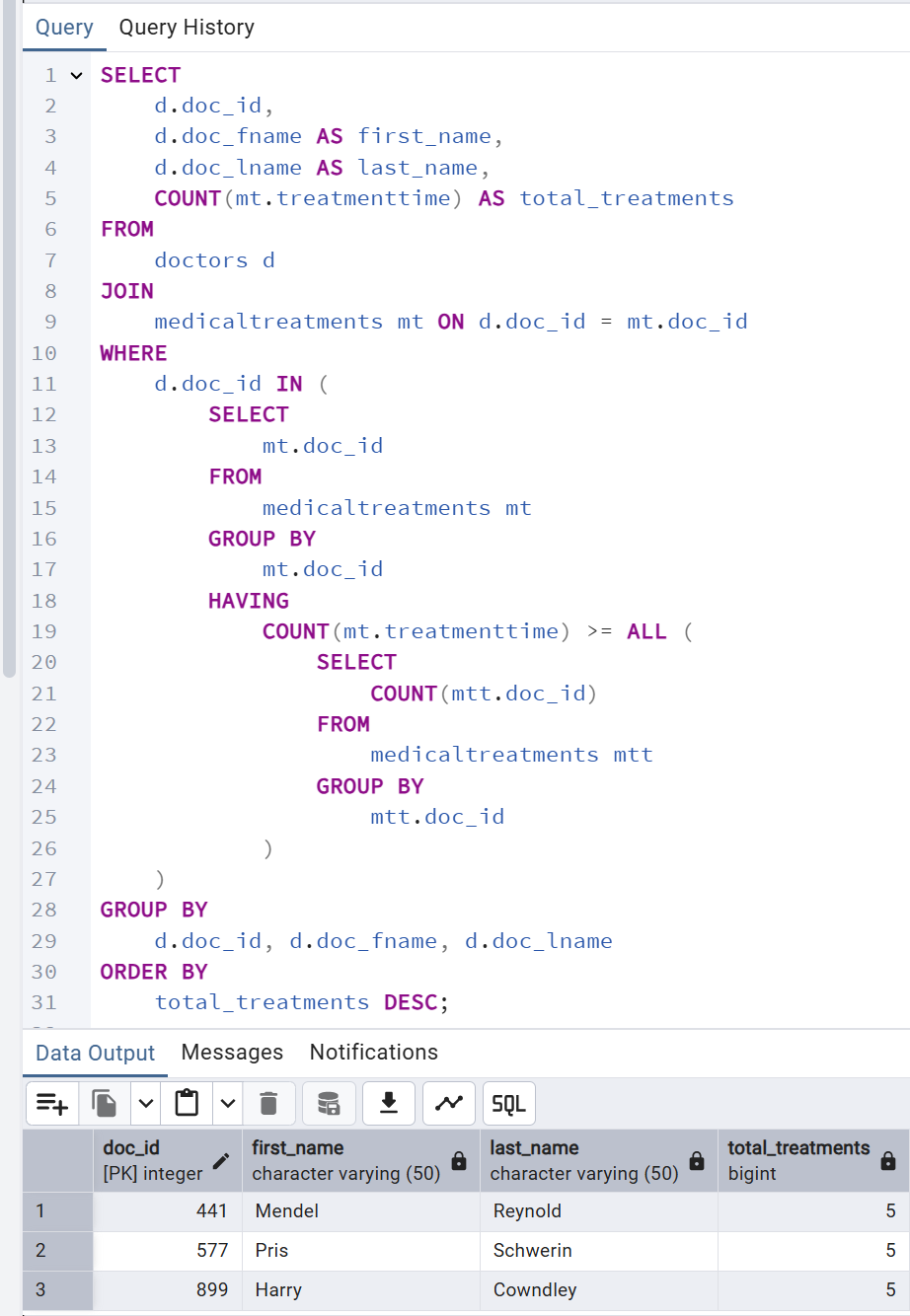
)

GROUP BY

d.doc\_id, d.doc\_fname, d.doc\_lname

ORDER BY

total\_treatments DESC;



כמות הביקורים וכמות המכשירים שהיו בשימוש לפי שנים:

SELECT

COALESCE(r.year, t.year) AS year,

COALESCE(total\_devices, 0) AS total\_devices,

COALESCE(total\_visits, 0) AS total\_visits

FROM

(

SELECT EXTRACT(YEAR FROM start\_date) AS year, COUNT(\*) AS total\_devices

FROM medicalequipmentreceiving

GROUP BY year

) AS r

FULL OUTER JOIN

(

SELECT EXTRACT(YEAR FROM treatmentdate) AS year, COUNT(\*) AS total\_visits

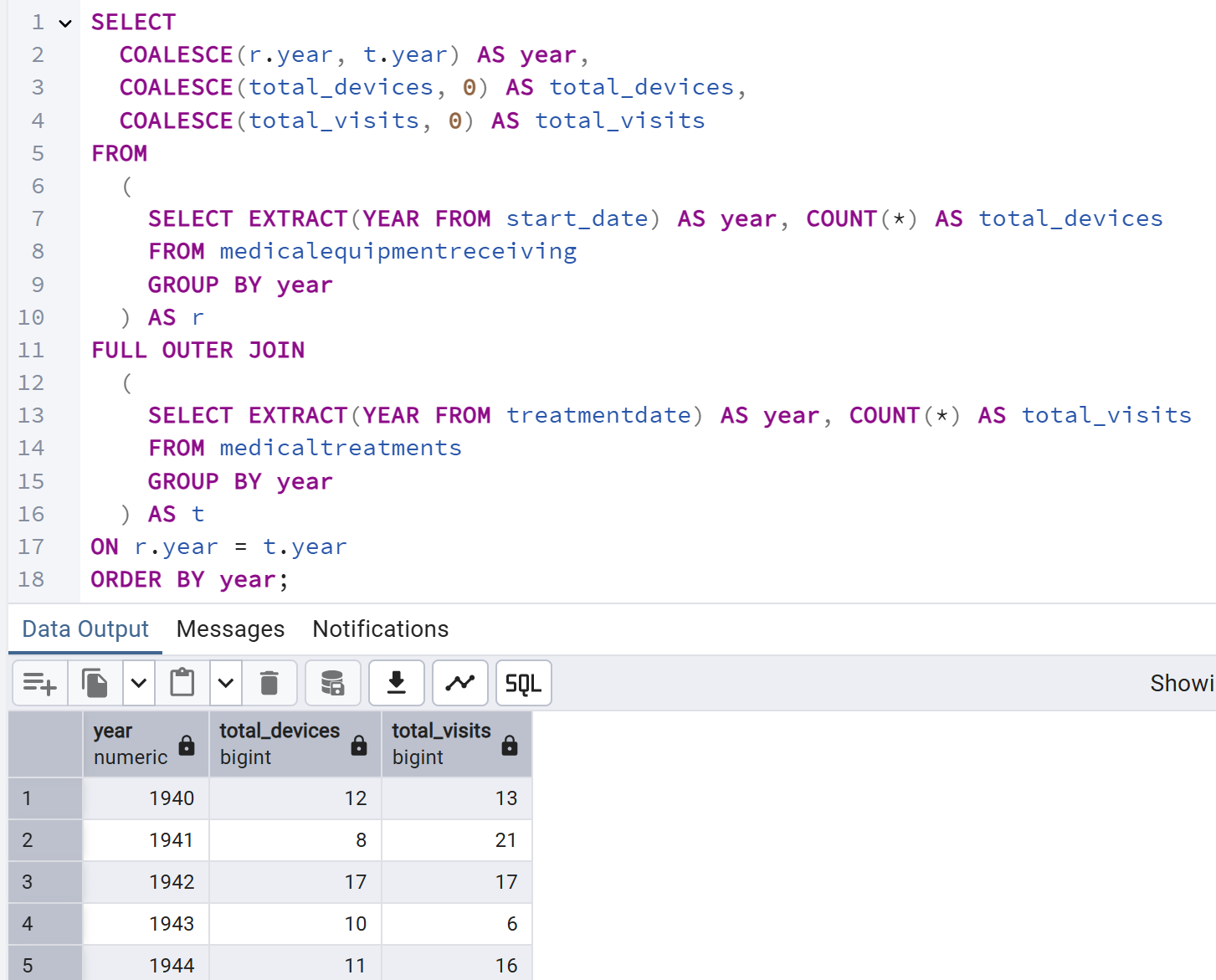
FROM medicaltreatments

GROUP BY year

) AS t

ON r.year = t.year

ORDER BY year;



כמות התרופות שכל דייר לוקח:

SELECT resident\_id, r\_fname, r\_lname, COUNT(medication\_id) AS total\_medications

FROM residentmedications

NATURAL JOIN residents

GROUP BY resident\_id, r\_fname, r\_lname

ORDER BY total\_medications DESC, resident\_id;

תמונה שמכילה טקסט, צילום מסך, גופן, מספר

תוכן שנוצר על-ידי בינה מלאכותית עשוי להיות שגוי.

כל הפרטים על הדייר הכי מבוגר:

(ניתן להחליף את התנאי ולמצוא את כל הפרטים על כל דייר אחר שנבחר בעזרת שאילתה זו)

SELECT

residents.resident\_id AS resident\_id,

r\_fname AS first\_name,

r\_lname AS last\_name,

birthdate AS date\_of\_birth,

treatmentdate AS treatment\_date,

medicaltreatments.doc\_id AS doctor\_id,

doc\_fname AS doctor\_first\_name,

doc\_lname AS doctor\_last\_name,

equipment\_type AS equipment\_type,

m\_name AS medication\_name

FROM

residents

LEFT JOIN medicaltreatments

ON residents.resident\_id = medicaltreatments.resident\_id

LEFT JOIN doctors

ON medicaltreatments.doc\_id = doctors.doc\_id

LEFT JOIN medicalequipmentreceiving

ON residents.resident\_id = medicalequipmentreceiving.resident\_id

LEFT JOIN residentmedications

ON residents.resident\_id = residentmedications.resident\_id

LEFT JOIN medications

ON residentmedications.medication\_id = medications.medication\_id

WHERE

birthdate <= ALL (

SELECT birthdate FROM residents

)

GROUP BY

residents.resident\_id,

r\_fname,

r\_lname,

birthdate,

treatmentdate,

medicaltreatments.doc\_id,

doc\_fname,

doc\_lname,

equipment\_type,

m\_name;



פרטי כל מטופל והביקורים שהיו אצלו:

SELECT

residents.resident\_id AS resident\_id,

r\_fname AS first\_name,

r\_lname AS last\_name,

birthdate AS date\_of\_birth,

treatmentdate AS treatment\_date,

purpose AS treatment\_purpose,

doc\_fname AS doctor\_first\_name,

doc\_lname AS doctor\_last\_name

FROM

residents

LEFT JOIN medicaltreatments

ON residents.resident\_id = medicaltreatments.resident\_id

LEFT JOIN doctors

ON medicaltreatments.doc\_id = doctors.doc\_id

GROUP BY

residents.resident\_id,

r\_fname,

r\_lname,

birthdate,

treatmentdate,

doc\_fname,

doc\_lname,

purpose

ORDER BY

residents.resident\_id,

treatmentdate;

תמונה שמכילה טקסט, צילום מסך, מספר, מקביל

תוכן שנוצר על-ידי בינה מלאכותית עשוי להיות שגוי.