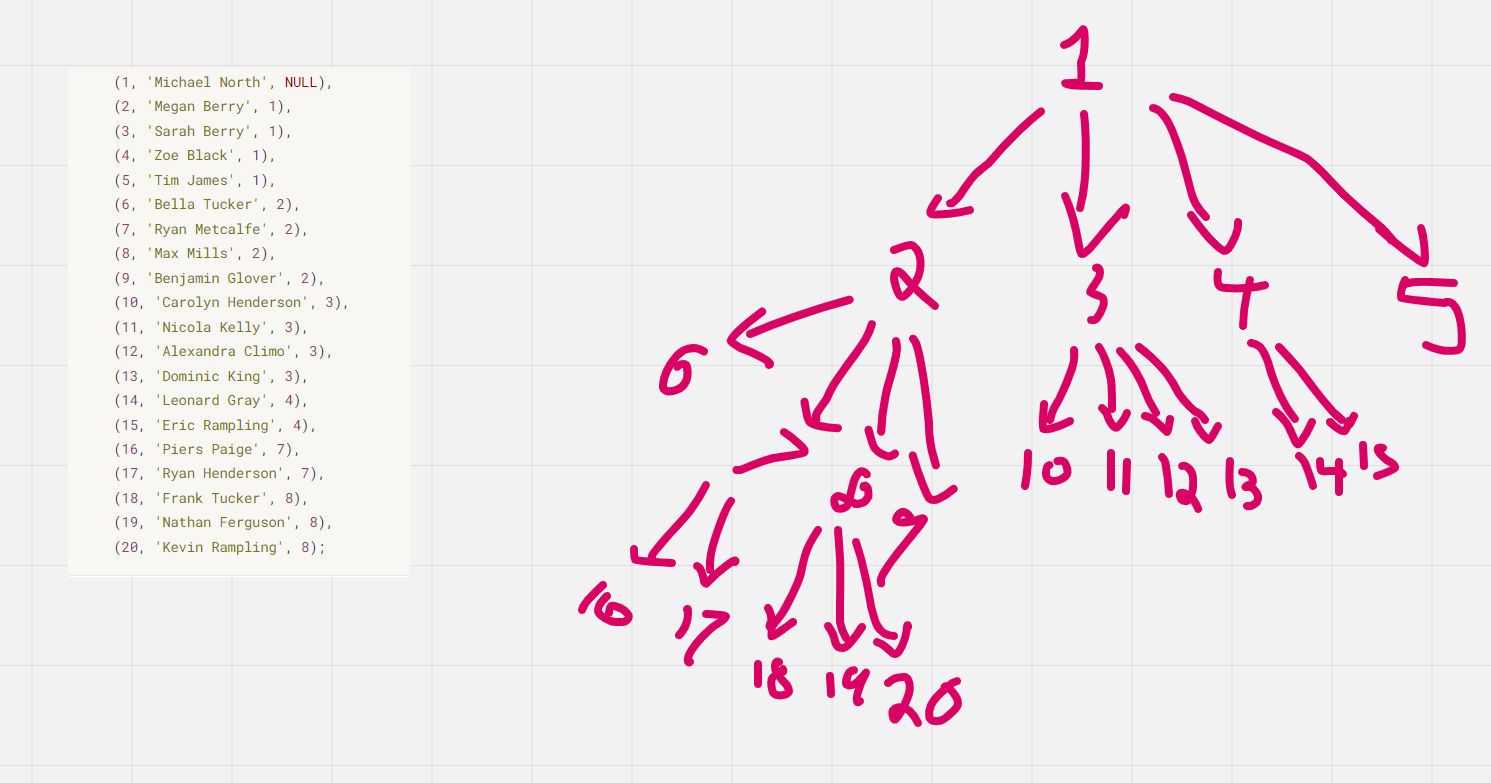
Consider the following example:

<https://www.postgresqltutorial.com/postgresql-tutorial/postgresql-recursive-query/>

Here is an illustration of what they are representing:



Aside from the recursion seen on that page. Here is another way to try and get a result set based on chain of command:

with ranks as

(SELECT e1.employee\_id as rank\_1, e2.employee\_id as rank\_2, e3.employee\_id as rank\_3, e4.employee\_id as rank\_4 FROM employees e1

JOIN employees e2 ON e2.manager\_id = e1.employee\_id

FULL JOIN employees e3 ON e3.manager\_id = e2.employee\_id

FULL JOIN employees e4 ON e4.manager\_id = e3.employee\_id

WHERE e1.employee\_id = 2 )

SELECT\*FROM employees

WHERE (employee\_id IN (SELECT rank\_1 FROM ranks))

OR (employee\_id IN (SELECT rank\_2 FROM ranks))

OR (employee\_id IN (SELECT rank\_3 FROM ranks))