

# 60\_Delete Duplicate Emails Easy - Solution

Source - <https://leetcode.com/problems/delete-duplicate-emails/description/>

**delete** all duplicate emails, keeping only one unique email with the smallest `id`.

For SQL users, please note that you are supposed to write a `DELETE` statement and not a `SELECT` one.

```
-- Write your PostgreSQL query statement below
WITH main_CTE AS (SELECT *,
DENSE_RANK() OVER (
    PARTITION BY email
    ORDER BY id
)
FROM Person)

DELETE FROM Person
WHERE id IN (
    SELECT id
    FROM main_CTE
    WHERE dense_rank >= 2)
```

So basically what I did here is.

To find the duplicate emails, I am giving a rank. I'm partitioning by the email and ordering by the ID. So the email id with a larger ID number will get a greater rank.

And then I just have to delete all those rows where the rank is greater than or equal to 2. So, I am deleting all the duplicate emails.

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