

here there is a repeating group in the table in the attached image

Yes — the table you're looking at does contain a **repeating group**.

Here's why:

- The table mixes **manager information** (managerID, managerName, area) with **employee information** (employeeID, employeeName) and **sector information** (sectorID, sectorName) all in one wide relation.
- For each manager, you see multiple rows repeating the same manager details again and again for every employee under them.
- Similarly, sector details (sectorName) are repeated for every employee in that sector.

That pattern — where a set of attributes like (*employeeID, employeeName, sectorID, sectorName*) repeats for each manager — is exactly what's meant by a **repeating group** in normalization theory.

To remove it (and move toward 1NF and beyond), you would:

- Put managers in their own table (managerID, managerName, area).
- Put employees in their own table (employeeID, employeeName, managerID as FK).
- Put sectors in their own table (sectorID, sectorName).

This way, you eliminate the repeating group and avoid redundancy.