

# Org Chart Overhaul

## Your Objective

Unravel this parent-child hierarchy puzzle by mapping each employee's chain of command and calculating their direct and total reports.

Starting with a list of employees and their managers, your task is to **create 3 new columns**:

- **Reporting Hierarchy:** The chain of command from the highest-ranking manager down to you
- **Direct Reports:** The number of employees that report to you as their manager
- **Total Reports:** The total number of employees beneath you in the reporting hierarchy (your direct reports, plus their direct reports, etc.)

Example output:

| Employee | Manager | Reporting Hierarchy            | Direct Reports | Total Reports |
|----------|---------|--------------------------------|----------------|---------------|
| Jan      |         | Jan                            | 1              | 6             |
| Michael  | Jan     | Jan > Michael                  | 3              | 5             |
| Dwight   | Michael | Jan > Michael > Dwight         | 0              | 0             |
| Jim      | Michael | Jan > Michael > Jim            | 0              | 0             |
| Angela   | Michael | Jan > Michael > Angela         | 2              | 2             |
| Kevin    | Angela  | Jan > Michael > Angela > Kevin | 0              | 0             |
| Oscar    | Angela  | Jan > Michael > Angela > Oscar | 0              | 0             |

Download Dataset

## Submit your solution

What is the sum of the "Total Reports" column?

Enter your answer...

Submit