

Topic: Multi-Department Sales Intelligence

SCENARIO

You are a senior data analyst working for a nationwide retail company. The company evaluates employee performance across multiple departments using sales, attendance, and bonus criteria.

Your task is to design an intelligent Excel sheet that analyzes employee performance.

IMPORTANT: - You must use ONLY the IF function - You are NOT allowed to use nested IF - You must break complex logic into helper columns

DATA TABLE (ENTER IN EXCEL)

Name	Dept	Sales	Target	Bonus Limit	Attendance (%)	Status	Gap	Bonus Flag	Commission	Risk	Efficiency	Alert
John	Tech	52000	50000	60000	95							
Mary	Clothing	28000	35000	50000	88							
Amina	Grocery	41000	40000	45000	92							
David	Tech	61000	55000	65000	70							
Brian	Clothing	47000	45000	50000	98							

TASKS

1. Create a formula to determine whether each employee has met their sales target.
2. Calculate how far each employee is below their target. - If the target is met, the value should show 0
3. Determine whether each employee qualifies for a bonus based on the bonus limit.
4. Calculate commission: - Employees who qualify for bonus earn a percentage of their sales - Others earn nothing
5. Classify employees based on attendance: - Low attendance should trigger a risk warning
6. Evaluate whether the employee is efficient based on their sales performance.
7. Create a system that flags employees who are underperforming.
8. Classify departments into: - High expectation departments - Standard departments
9. Evaluate consistency based on attendance percentage.
10. Identify employees who require attention based on their performance gap.
11. Create a "Smart Performance Score" using helper columns:
12. Assign a value (e.g., 1 or 0) based on conditions such as:
 - a. Meeting target
 - b. High attendance
 - c. Bonus eligibility
13. Combine the helper columns to produce a total score