

**Course  
&  
Test Series**

**Self-Made Assignment - MS Excel**

**Use of AND, OR and NOT Function in MS Excel**

**Dataset:**

Employee ID	Name	Age	Calls Handled	Sales Closed	Sales Target Met?	Experience (Years)	Customer Feedback Score (Out of 5)	Region
C101	Aakash	28	200	25	Yes	6	4.3	North
C102	Simran	24	150	12	No	3	3.5	South
C103	Arjun	30	250	35	Yes	8	4.7	West
C104	Ritu	26	180	20	No	4	3.9	East
C105	Manoj	35	300	45	Yes	12	4.8	North
C106	Priyanka	29	190	22	No	5	4.2	South
C107	Kunal	31	280	40	Yes	10	5	West
C108	Neeta	25	140	10	No	2	3.2	East
C109	Suresh	40	320	50	Yes	15	4.9	North
C110	Anu	23	160	14	No	3	3.7	South
C111	Rajesh	27	210	30	Yes	7	4.5	West
C112	Meenal	32	170	18	No	6	3.8	East
C113	Ramesh	45	330	55	Yes	18	4.9	North
C114	Kavya	29	190	22	No	7	4.1	South
C115	Prakash	26	260	38	Yes	9	4.6	West

**Tasks:**

**Determine Promotion Eligibility:**

- A representative is eligible for promotion if **Sales Target is Met AND Experience is more than 7 years.**
- **Formula: =AND (F2="Yes", G2>7)**

**Find Employees Eligible for a Performance Bonus:**

- A representative qualifies for a performance bonus if **Sales Closed > 30 OR Customer Feedback Score ≥ 4.5.**
- **Formula: =OR (E2>30, H2>=4.5)**

**Identify Employees Needing Extra Training:**

- Use the NOT function to check employees who **did not meet the sales target.**
- **Formula: =NOT (F2="Yes")**

**Find Employees Eligible for a Special Award:**

- Employees qualify for a special award if they **met the sales target AND have a Customer Feedback Score of 4.7 or higher.**

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**Resultant Dataset:**

Employee ID	Name	Age	Calls Handled	Sales Closed	Sales Target Met?	Experience (Years)	Customer Feedback Score (Out of 5)	Region	Promotion Eligible?	Performance Bonus?	Needs Training?	Special Award?
C101	Aakash	28	200	25	Yes	6	4.3	North	FALSE	TRUE	FALSE	FALSE
C102	Simran	24	150	12	No	3	3.5	South	FALSE	FALSE	TRUE	FALSE
C103	Arjun	30	250	35	Yes	8	4.7	West	TRUE	TRUE	FALSE	TRUE
C104	Ritu	26	180	20	No	4	3.9	East	FALSE	FALSE	TRUE	FALSE
C105	Manoj	35	300	45	Yes	12	4.8	North	TRUE	TRUE	FALSE	TRUE
C106	Priyanka	29	190	22	No	5	4.2	South	FALSE	FALSE	TRUE	FALSE
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