

**Course  
&  
Test Series**

**Self-Made Assignment - MS Excel**

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

**Dataset:**

Employee ID	Name	Age	Sales (₹)	Target Met? (Yes/No)	Experience (Years)	Region	Customer Rating (Out of 5)	Bonus Eligible?
E101	Ravi	30	80,000	Yes	5	North	4.5	?
E102	Priya	27	45,000	No	3	South	3.8	?
E103	Amit	35	1,20,000	Yes	10	West	4.9	?
E104	Neha	24	55,000	No	2	East	3.5	?
E105	Raj	40	90,000	Yes	15	North	4	?
E106	Anjali	29	70,000	No	4	South	4.2	?
E107	Karan	31	1,50,000	Yes	12	West	5	?
E108	Meera	26	35,000	No	2	East	3.2	?
E109	Vikram	38	95,000	Yes	14	North	4.8	?
E110	Sunita	25	60,000	No	3	South	3.9	?
E111	Rohit	28	1,10,000	Yes	8	West	4.7	?
E112	Pooja	33	40,000	No	6	East	3.6	?
E113	Suresh	45	1,30,000	Yes	18	North	4.9	?
E114	Kavita	32	75,000	No	7	South	4.1	?
E115	Ramesh	29	1,05,000	Yes	9	West	4.6	?

**Tasks:**

**Determine Bonus Eligibility:**

- Employees will receive a bonus if they **met the target AND** have **more than 7 years of experience.**

**=AND (E2="Yes", F2>7)**

**Identify Employees Eligible for Sales Incentives:**

An employee qualifies for incentives if:

- **Sales are greater than ₹90,000 OR Customer Rating is 4.5 or more.**

**=OR(D2>90000, H2>=4.5)**

**Find Employees Needing Sales Training:**

Use the **NOT** function to check employees who **did not** meet the target.

**=NOT(E2="Yes")**

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

- Employees are eligible for a special award if:
  - They **met the sales target AND** have a **customer rating of 4.7 or higher.**

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**Resultant Dataset:**

Employee ID	Name	Age	Sales (₹)	Target Met?	Experience (Years)	Region	Customer Rating	Bonus Eligible?	Sales Incentive?	Needs Training?	Special Award?
E101	Ravi	30	80,000	Yes	5	North	4.5	FALSE	TRUE	FALSE	FALSE
E102	Priya	27	45,000	No	3	South	3.8	FALSE	FALSE	TRUE	FALSE
E103	Amit	35	1,20,000	Yes	10	West	4.9	TRUE	TRUE	FALSE	TRUE
E104	Neha	24	55,000	No	2	East	3.5	FALSE	FALSE	TRUE	FALSE
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