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EmpID	Name	Dept	Salary	Age	City						
1	Alice	HR	6000	28	New York						
2	Bob	IT	4500	34	Chicago						
3	Carol	HR	7200	30	NULL						
4	Dave	IT	5000	41	Boston						
				ProductID	ProductName	Category	Price	Quantity	Supplier		
5	Eva	Sales	4000	25	San Diego	1	Laptop	Electronics	800	50	HP
6	Frank	Sales	4000	NULL	Los Angeles	2	Mouse	Electronics	20	200	Dell
7	Grace	HR	6500	33	Chicago	3	Keyboard	Electronics	30	150	HP
						4	Desk	Furniture	150	40	IKEA
						5	Chair	Furniture	90	80	IKEA
						6	Notebook	Stationery	5	500	NULL
						7	Pen	Stationery	1.5	1000	Staples

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### **For Product Table**

- 1) Shows all products.
- 1) Finds products starting with 'P' (e.g., Pen).
- 2) Excludes products that end with "top" (e.g., excludes Laptop).
- 3) Retrieve all products that belong to the 'Furniture' category and have a price greater than 100
- 4) Retrieve all products whose supplier is in 'HP' and 'Dell'
- 5) Retrieve all products whose supplier is neither 'HP' nor 'Dell'
- 6) Retrieve all products with prices ranging between 10 and 200, inclusive
- 7) Retrieve all products whose prices are either less than 10 or greater than 20
- 8) Retrieve the names of all products that do not have any supplier information available
- 9) Retrieve the names of all products that have a supplier assigned
- 10) List all products along with their prices, sorted from the highest price to the lowest
- 11) "Retrieve a list of all unique product categories available in the Product table.
- 12) "Retrieve a list of all unique product categories available in the Product table.
- 13) List each product category with the number of products it contains.
- 14) Find categories of products that have a combined quantity of more than 100 items in stock.
- 15) "Find categories of products that have a combined quantity of more than 100 items in stock."

### **For Employee Table**

1. Find employees whose names start with 'A':
2. Get all data from the table:
3. Find employees whose names do **not** start with 'A':
4. Find employees in HR with a salary above 6000:
5. Find employees in IT **or** Sales:
6. Exclude employees from HR:
7. Find employees from HR or Sales:
8. Find employees **not** in IT or Sales:
9. Find employees aged **between 30 and 40**:
10. Find employees whose age is **not between** 30 and 40:
11. Find employees where the city is unknown:
12. Find employees who have a city listed:
13. List employees sorted by salary (descending):
14. Get unique departments:
15. Find the total salary paid per department:
16. Find departments where **total salary > 10,000**:

**SELECT,LIKE,NOT LIKE,Logical Operators (AND, OR, NOT),IN,NOT IN,BETWEEN,NOT BETWEEN,IS NULL,NOT NULL,ORDER BY,DISTINCT,GROUP BY,HAVING**