

7/11/2025

### EMPLOYEE DATABASE

The tables are:

- **Dept**

	DEPTNO	DNAME	DLOC
▶	1	HR	BENGALURU
	2	IT	mysuru
	3	IPO	DELHI
	4	RTO	HYDERBAD
*	5	NPO	MUMBAI
	NULL	NULL	NULL

- **Employee**

	EMPNO	ENAME	MGR_NO	HIREDATE	SAL	DEPTNO
▶	111	RAM	NULL	2020-07-13	8000.00	1
	112	SHAM	1001	2020-07-13	16000.00	2
	113	SAM	1001	2021-07-14	10000.00	2
	114	VISHNU	1002	2023-07-14	6000.00	3
*	115	RAVAN	1003	2020-07-13	16000.00	4
	NULL	NULL	NULL	NULL	NULL	NULL

- **Project**

	PNO	PNAME	PLOC
▶	123	ALPHA	DELHI
	124	BETA	BENGALURU
	125	GAMA	MUMBAI
	126	SIGMA	mysuru
	127	DELTA	HYDERBAD

- **Assigned\_to**

	EMPNO	PNO	JOB_ROLE
▶	111	124	DATA ANALYST
	112	125	MANAGER
	113	126	RESEARCH
	114	127	INTERN
	115	123	MANAGER

- **Incentives**

	EMPNO	INCENTIVE_DATE	INCENTIVE_AMOUNT
▶	111	2025-01-12	1500.00
	112	2025-02-13	1000.00
	113	2025-04-18	800.00
	115	2025-04-18	600.00

### **QUERIES:**

1. List employees with their department name & location

	EMPNO	ENAME	DNAME	DLOC
▶	111	RAM	HR	BENGALURU
	112	SHAM	IT	MYSURU
	113	SAM	IT	MYSURU
	114	VISHNU	IPO	DELHI
	115	RAVAN	RTO	HYDERBAD

2. Employees who are not assigned to any project

	EMPNO	ENAME
*	NULL	NULL

0 row(s) returned

### Project-wise headcount

	PROJECT_NAME	HEADCOUNT
▶	ALPHA	1
	BETA	1
	GAMA	1
	SIGMA	1
	DELTA	1

3. Department-wise average & max salary

	DEPARTMENT_NAME	AVG_SALARY	MAX_SALARY
▶	HR	8000.000000	8000.00
	IT	13000.000000	16000.00
	IPO	6000.000000	6000.00
	RTO	16000.000000	16000.00

4. Total incentives earned by each employee (lifetime)

	EMPNO	ENAME	TOTAL_INCENTIVES
▶	111	RAM	1500.00
	112	SHAM	1000.00
	113	SAM	800.00
	114	VISHNU	NULL
	115	RAVAN	600.00

5. Employees working on a given project (project name :Alpha Project)

	EMPNO	ENAME	PNAME
▶	115	RAVAN	ALPHA

6. Departments with no employees

	DEPTNO	DNAME	DLOC
▶	5	NPO	MUMBAI

7. Managers and their direct report counts (MGR\_NO references EMPNO)

	MANAGER_ID	MANAGER_NAME	DIRECT_REPORTS
▶	111	RAM	0
	112	SHAM	0
	113	SAM	0
	114	VISHNU	0
	115	RAVAN	0

8. Employees assigned to more than one project.

	EMPNO	ENAME	PROJECT_COUNT
0 row(s) returned			