```sql
125     -- List employees with their department name & location
126     SELECT e.EMPNO, e.ENAME, d.DNAME, d.DLOC
127     FROM EMPLOYEE e
128     JOIN DEPT d ON e.DEPTNO = d.DEPTNO;
129
```

EMPNO	ENAME	DNAME	DLOC
7000	Sri	Admin	Bangalore
7001	Akash	Sales	Mysore
7002	Vinay	Research	Mangalore
7003	Gita	Finance	Chennai
7004	Neha	Sales	Mysore

```sql
129
130     -- Employees who are not assigned to any project
131     SELECT e.EMPNO, e.ENAME
132     FROM EMPLOYEE e
133     LEFT JOIN ASSIGNED_TO a ON e.EMPNO = a.EMPNO
134     WHERE a.PNO IS NULL;
135
```

EMPNO	ENAME
7000	Sri
7001	Akash
7002	Vinay
7003	Gita
7004	Neha

```
136     -- Project-wise headcount
137  ●  SELECT p.PNAME, COUNT(a.EMPNO) AS HEADCOUNT
138     FROM PROJECT p
139     LEFT JOIN ASSIGNED_TO a ON p.PNO = a.PNO
140     GROUP BY p.PNAME;
141
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

PNAME	HEADCOUNT
Apollo	0
Astra	0
Horizon	0
Quantum	0
Shakti	0

```sql
141
142     -- Department-wise average & maximum salary
143 •   SELECT d.DNAME,
144             AVG(e.SAL) AS AVG_SALARY,
145             MAX(e.SAL) AS MAX_SALARY
146     FROM EMPLOYEE e
147     JOIN DEPT d ON e.DEPTNO = d.DEPTNO
148     GROUP BY d.DNAME;
149
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

DNAME	AVG_SALARY	MAX_SALARY
Admin	50000.000000	50000.00
Sales	32500.000000	35000.00
Research	40000.000000	40000.00
Finance	32000.000000	32000.00

```sql
150     -- Total incentives earned by each employee (lifetime)
151 •   SELECT e.EMPNO, e.ENAME,
152             SUM(i.INCENTIVE_AMOUNT) AS TOTAL_INCENTIVE
153     FROM EMPLOYEE e
154     JOIN INCENTIVES i ON e.EMPNO = i.EMPNO
155     GROUP BY e.EMPNO, e.ENAME;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

EMPNO	ENAME	TOTAL_INCENTIVE
7000	Sri	5000.00
7001	Akash	1500.00
7002	Vinay	1500.00
7003	Gita	2000.00

```sql
156
157    -- Employees working on project "Alpha Project"
158 •  SELECT e.EMPNO, e.ENAME
159    FROM EMPLOYEE e
160    JOIN ASSIGNED_TO a ON e.EMPNO = a.EMPNO
161    JOIN PROJECT p ON a.PNO = p.PNO
162    WHERE p.PNAME = 'Alpha Project';
163
```

	EMPNO	ENAME

```sql
163
164    -- Departments with no employees
165 •  SELECT d.DEPTNO, d.DNAME
166    FROM DEPT d
167    LEFT JOIN EMPLOYEE e ON d.DEPTNO = e.DEPTNO
168    WHERE e.EMPNO IS NULL;
169
```

	EMPNO	ENAME

```sql
170      -- Managers and their direct report counts
171 •    SELECT m.EMPNO AS MANAGER_ID,
172             m.ENAME AS MANAGER_NAME,
173             COUNT(e.EMPNO) AS DIRECT_REPORTS
174      FROM EMPLOYEE m
175      LEFT JOIN EMPLOYEE e ON e.MGR_NO = m.EMPNO
176      GROUP BY m.EMPNO, m.ENAME;
177
```

Result Grid | Filter Rows: | Export: | Wrap Ce

MANAGER_ID	MANAGER_NAME	DIRECT_REPORTS
7000	Sri	4
7001	Akash	0
7002	Vinay	0
7003	Gita	0
7004	Neha	0

```sql
178      -- Employees assigned to more than one project
179 •    SELECT e.EMPNO, e.ENAME, COUNT(a.PNO) AS PROJECT_COUNT
180      FROM EMPLOYEE e
181      INNER JOIN ASSIGNED_TO a ON e.EMPNO = a.EMPNO
182      GROUP BY e.EMPNO, e.ENAME
183      HAVING COUNT(a.PNO) > 1;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: A

MANAGER_ID	MANAGER_NAME	DIRECT_REPORTS
7000	Sri	4
7001	Akash	0
7002	Vinay	0
7003	Gita	0
7004	Neha	0