

MORE ON COMPANY DB (7/11/25)

```
136 -- List employees with their department name & location  
137 • select e.EMPNO,e.ENAME,d.DNAME,d.DLOC  
138 from Employee e  
139 join Dept d on e.DEPTNO=d.DEPTNO  
140
```

	EMPNO	ENAME	DNAME	DLOC
▶	1001	John Doe	Computer Science	Bangalore
	1002	Jane Smith	Mechanical Engineering	Hyderabad
	1003	Tom Brown	Electrical Engineering	Chennai
	1004	Lucy White	Civil Engineering	Mumbai
	1005	Mark Green	Biotechnology	Pune

```
148 -- Department-wise average & max salary  
149 • select d.DEPTNO,d.DNAME,avg(e.SAL) as 'AVERAGE', MAX(e.SAL) as 'MAX'  
150 from Employee e  
151 join Dept d on e.DEPTNO=d.DEPTNO  
152 group by d.DEPTNO  
153
```

	DEPTNO	DNAME	AVERAGE	MAX
▶	1	Computer Science	55000.00000	55000.00
	2	Mechanical Engineering	60000.00000	60000.00
	3	Electrical Engineering	58000.00000	58000.00
	4	Civil Engineering	62000.00000	62000.00
	5	Biotechnology	65000.00000	65000.00

```
141 employees who are not assigned to any project ,Project-wise headcount  
142 • t e.EMPNO,e.ENAME  
143 Employee e  
144 Assigned_To a on a.EMPNO=e.EMPNO  
145 a.PNO not in (select p.PNO  
146 from Project p)  
147  
148 department wise average & max salary
```

	EMPNO	ENAME

```

155    -- Total incentives earned by each employee (lifetime)
156 • select i.EMPNO,sum(i.INCENTIVE_AMOUNT)
157   from Incentives i
158   group by i.EMPNO
159
160      --select a.EMPNO,a.ENAME

```

Result Grid

EMPNO	sum(i.INCENTIVE_AMOUNT)
1001	3000.00
1002	3500.00
1003	3200.00
1004	4000.00
1005	4500.00

```

161    -- Employees working on a given project (project name :Blockchain F
162 • select e.EMPNO,e.ENAME
163   from Employee e
164   join Assigned_To a on a.EMPNO=e.EMPNO
165   join Project p on p.PNO=a.PNO
166   where p.PNAME='Blockchain Project'
167
168    -- select d.DEPTNO,d.DNAME
169    from Dept d

```

Result Grid

EMPNO	ENAME
1002	Jane Smith

```

167    -- Departments with no employees
168 • select d.DEPTNO,d.DNAME
169   from Dept d
170   where d.DEPTNO not in ( select e.DEPTNO
171                           from Employee e)
172
173    -- Employees assigned to more than one project.
174    --select a.EMPNO,count(a.PNO)

```

Result Grid

DEPTNO	DNAME
*	NULL

```
173    -- Employees assigned to more than one project.  
174 • select a.EMPNO,count(a.PNO)  
175   from Assigned_To a  
176   group by a.EMPNO  
177   having count(a.PNO)>1
```

```
178
```

```
179      Managers and their direct report counts (MGR_NO references EMPNO)
```

```
179      Managers and their direct report counts (MGR_NO references EMPNO)  
180 • select e.MGR_NO,count(e.EMPNO)  
181   from Employee e  
182   group by e.MGR_NO
```

```
183
```

MGR_NO	count(e.EMPNO)
2001	2
2002	1
2003	1
2004	1

