

HR COMPANY PERFORMANCE MANAGEMENT

Enhancing Employee Wellbeing for a Thriving Workplace



INTRODUCTION



Employee wellbeing is key to productivity & job satisfaction

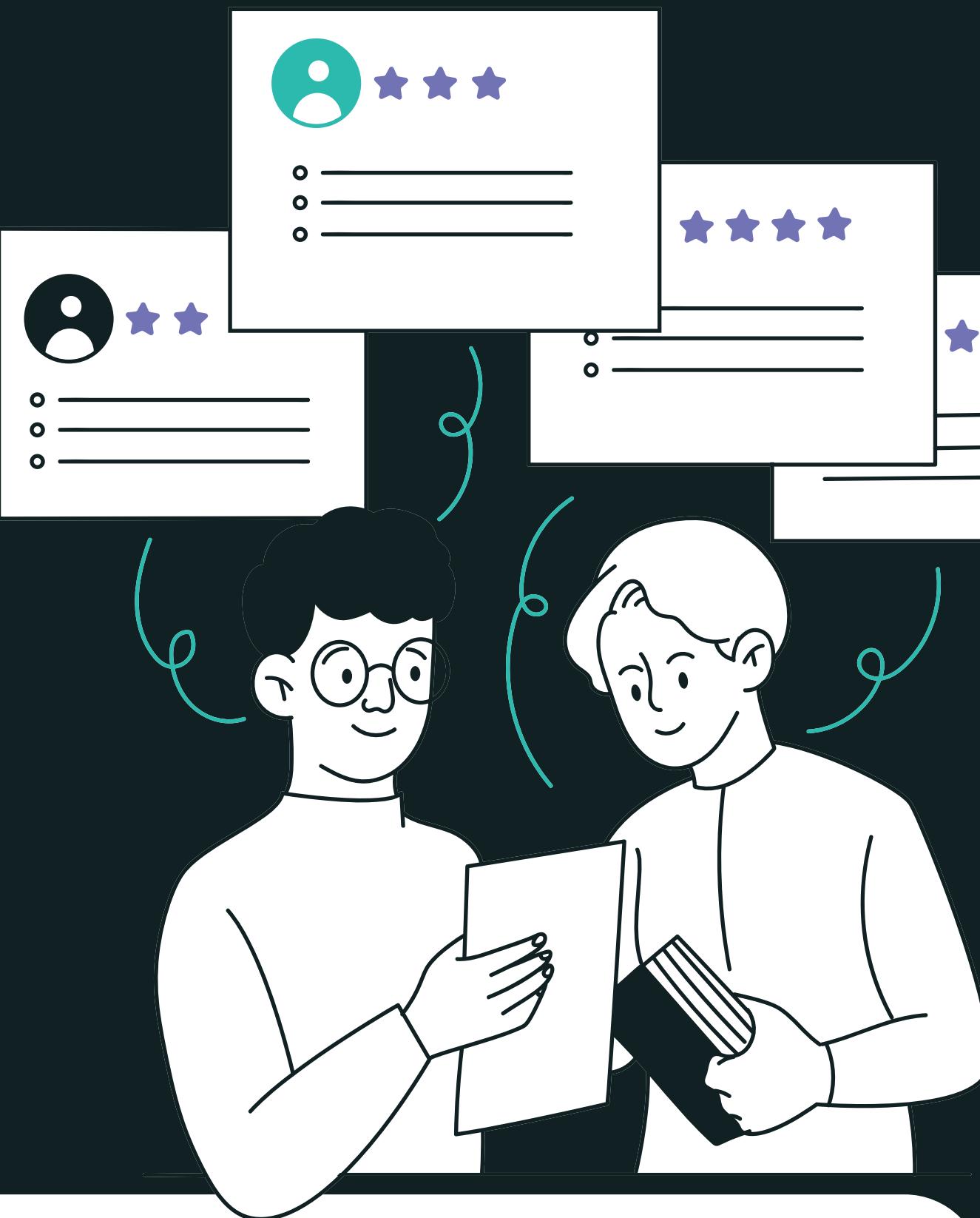
I'm muskan and I'm "Explored an HR database using SQL to uncover insights on employees, departments, and projects. Learned to extract key metrics like salary totals, average hourworked, and job roles."

DISPLAY ALL PROJECTS WITH A BUDGET GREATER THAN 200,000.

```
SELECT  
    projectname, budget  
FROM  
    projects_big  
WHERE  
    budget > 200000;
```

Result Grid | Filter

	projectname	budget
▶	Project_1	263699
	Project_2	223477
	Project_3	334484
	Project_4	294278
	Project_5	267985
	Project_8	486674
	Project_9	270276



SHOW ALL EMPLOYEES IN THE SALES DEPARTMENT.

```
SELECT
    e.name
FROM
    employees_big e
        JOIN
    departments_big d ON e.departmentID = d.DepartmentID
WHERE
    d.DepartmentName = 'sales';
```

name
Employee_1
Employee_2
Employee_7
Employee_8
Employee_10
Employee_11
Employee_12

LIST ALL PROJECTS ASSIGNED TO EMPLOYEEID = 11.



```
SELECT  
    p.projectname  
FROM  
    projects_big p  
    JOIN  
    employee_projects_big ep ON p.ProjectID = ep.ProjectID  
WHERE  
    ep.EmployeeID = 11;
```

Result Grid	
	projectname
▶	Project_14

DISPLAY ALL EMPLOYEES ORDERED BY SALARY DESCENDING.

```
SELECT  
    name  
FROM  
    employees_big  
ORDER BY salary DESC;
```

	name
▶	Employee_196
	Employee_103
	Employee_191
	Employee_44
	Employee_52
	Employee_34
	Employee_56



SHOW ALL PROJECTS IN THE IT DEPARTMENT.



```
SELECT  
    p.projectname  
FROM  
    projects_big p  
        JOIN  
    departments_big d ON p.DepartmentID = d.DepartmentID  
WHERE  
    DepartmentName = 'IT';
```

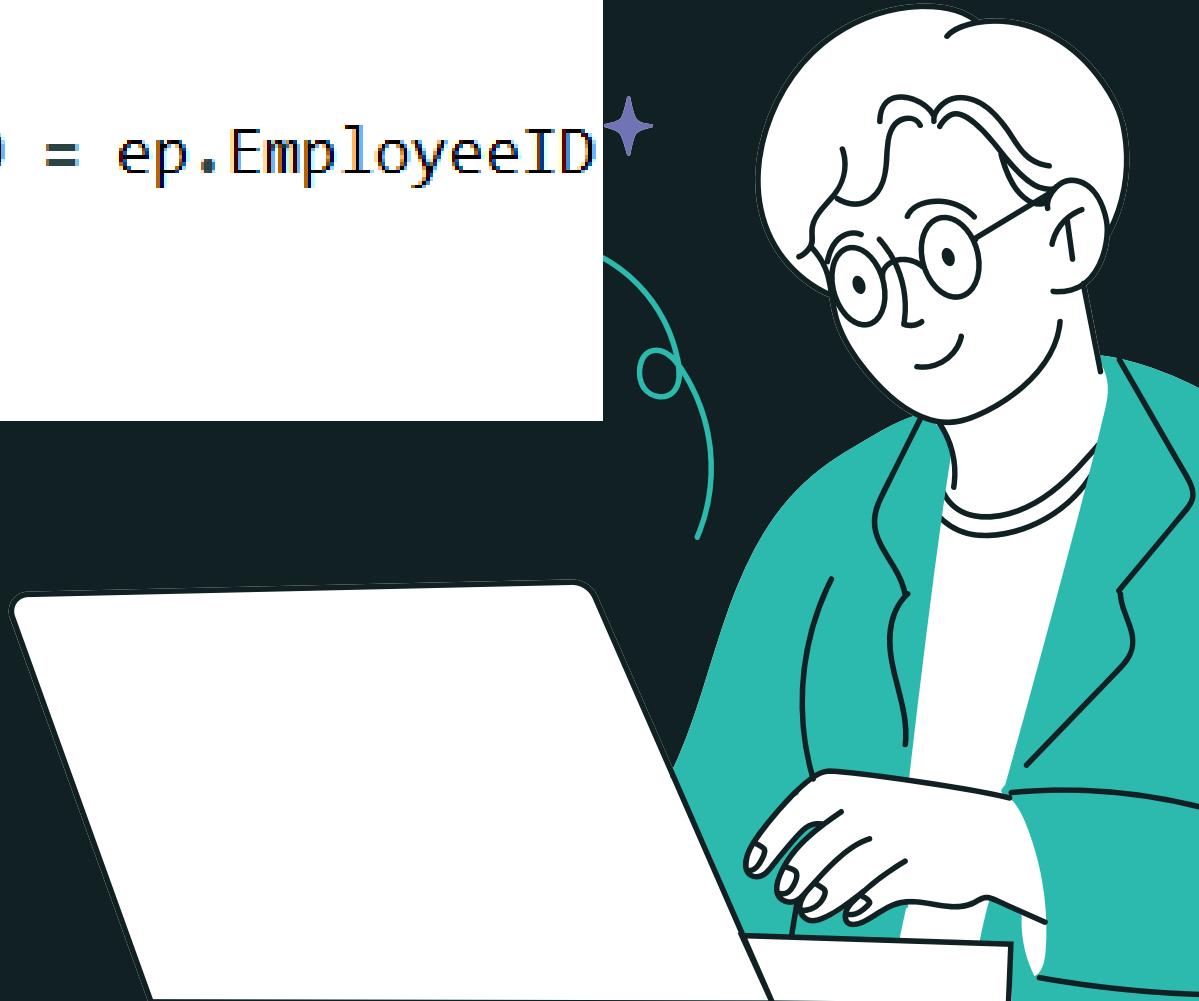
Result Grid	projectname
	Project_2
	Project_7
	Project_10
	Project_11
	Project_13
	Project_14
	Project_16

LIST EMPLOYEES WORKING LESS THAN 100 HOURS ON ANY PROJECT.

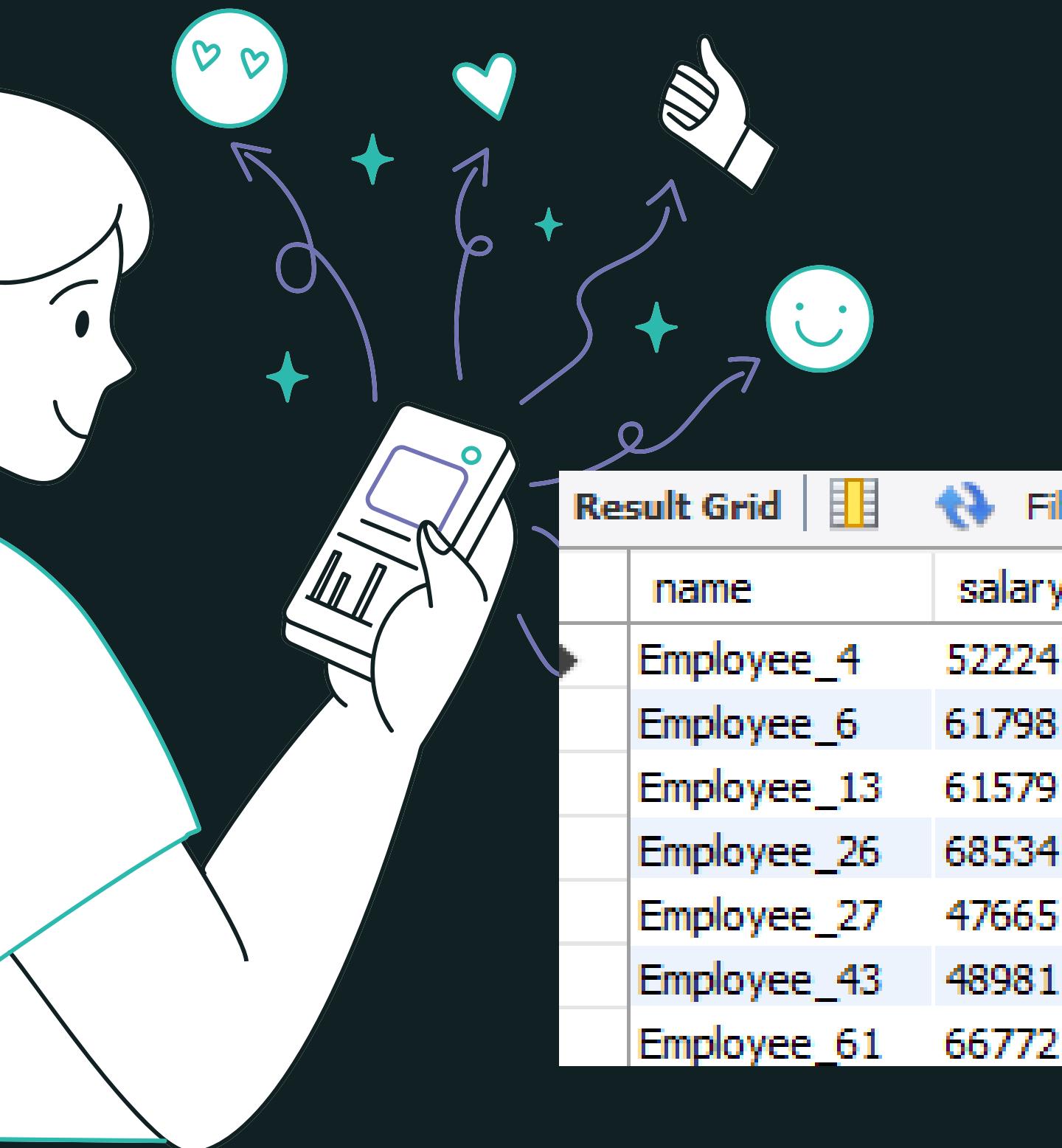
Result Grid

	name
▶	Employee_16
▶	Employee_22
▶	Employee_32
▶	Employee_33
▶	Employee_39
▶	Employee_43
▶	Employee_46

```
SELECT DISTINCT
    e.name
FROM
    employees_big e
    JOIN
    employee_projects_big ep ON e.EmployeeID = ep.EmployeeID
WHERE
    HoursWorked < 100;
```



SHOW ALL EMPLOYEES IN THE MARKETING DEPARTMENT EARNING LESS THAN 70,000.



```
SELECT  
    e.name, e.salary  
FROM  
    employees_big e  
    JOIN  
    departments_big d ON e.DepartmentID = d.DepartmentID  
WHERE  
    d.DepartmentName = 'marketing'  
    AND e.salary < 70000;
```

TOTAL SALARY PER DEPARTMENT.

SELECT

```
d.departmentname, SUM(salary) AS total_salary  
FROM  
employees_big e  
JOIN  
departments_big d ON e.DepartmentID = d.DepartmentID  
GROUP BY DepartmentName;
```

	departmentname	total_salary
▶	Sales	4248442
	IT	3436947
	Marketing	4254162
	HR	3692909



COUNT OF EMPLOYEES PER DEPARTMENT.

```
SELECT  
    d.departmentname, COUNT(e.name) AS count_employee  
FROM  
    employees_big e  
    JOIN  
    departments_big d ON e.DepartmentID = d.DepartmentID  
GROUP BY d.DepartmentName;
```

Result Grid | Filter Rows:

	departmentname	count_employee
Sales	56	
IT	43	
Marketing	57	
HR	44	

AVERAGE HOURS WORKED PER EMPLOYEE.

SELECT

EmployeeID, AVG(hoursworked) AS avg_hours

FROM

employee_projects_big ep

GROUP BY EmployeeID;

EmployeeID	avg_hours
160	272.0000
40	170.0000
62	125.7500
33	115.6667
122	99.6667
172	141.5000
30	205.7500



LIST PROJECT NAMES WITH TOTAL HOURS WORKED BY ALL EMPLOYEES.

```
SELECT
    p.projectname, SUM(ep.hoursworked) AS total_hours
FROM
    employee_projects_big ep
        JOIN
    projects_big p ON ep.ProjectID = p.ProjectID
GROUP BY p.ProjectName;
```

Result Grid		 Filter Row
	projectname	total_hours
▶	Project_52	692
▶	Project_35	1199
▶	Project_65	468
▶	Project_70	775
▶	Project_64	823
▶	Project_57	1284
▶	Project_11	745

EMPLOYEE AND THE PROJECTS THEY WORK ON.

```
SELECT  
    e.name, p.projectname  
FROM  
    employee_projects_big ep  
        JOIN  
    employees_big e ON ep.EmployeeID = e.EmployeeID  
        JOIN  
    projects_big p ON p.ProjectID = ep.ProjectID;
```

	name	projectname
Employee_1	Project_30	
Employee_3	Project_83	
Employee_4	Project_44	
Employee_4	Project_43	
Employee_4	Project_71	
Employee_5	Project_77	
Employee_7	Project_6	

THANK YOU!

I appreciate your time and
consideration reviewing my
project.

