

# 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

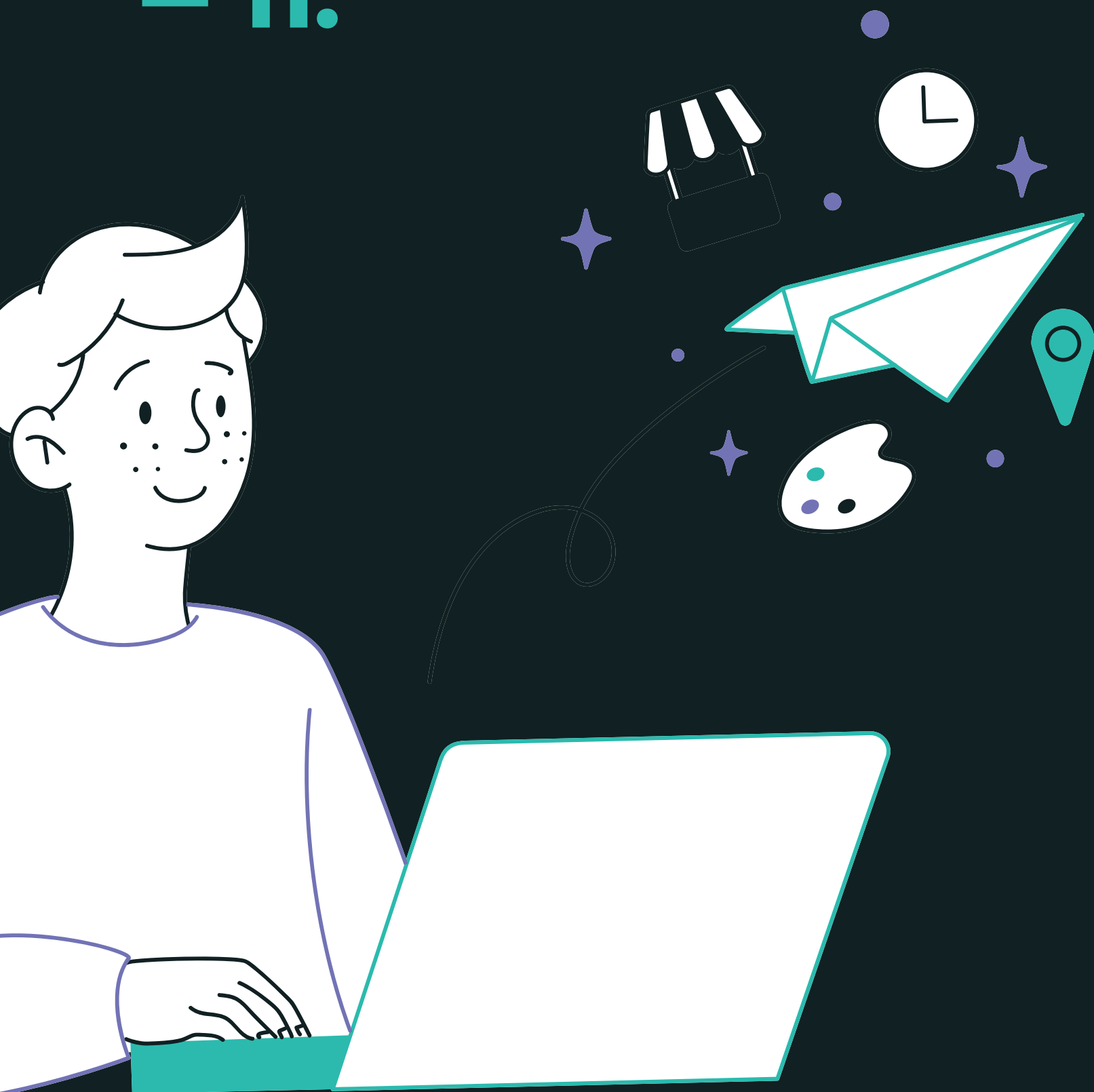


# SHOW ALL EMPLOYEES IN THE SALES DEPARTMENT.

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

Result Grid	
	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;
```

Result Grid	
	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
```

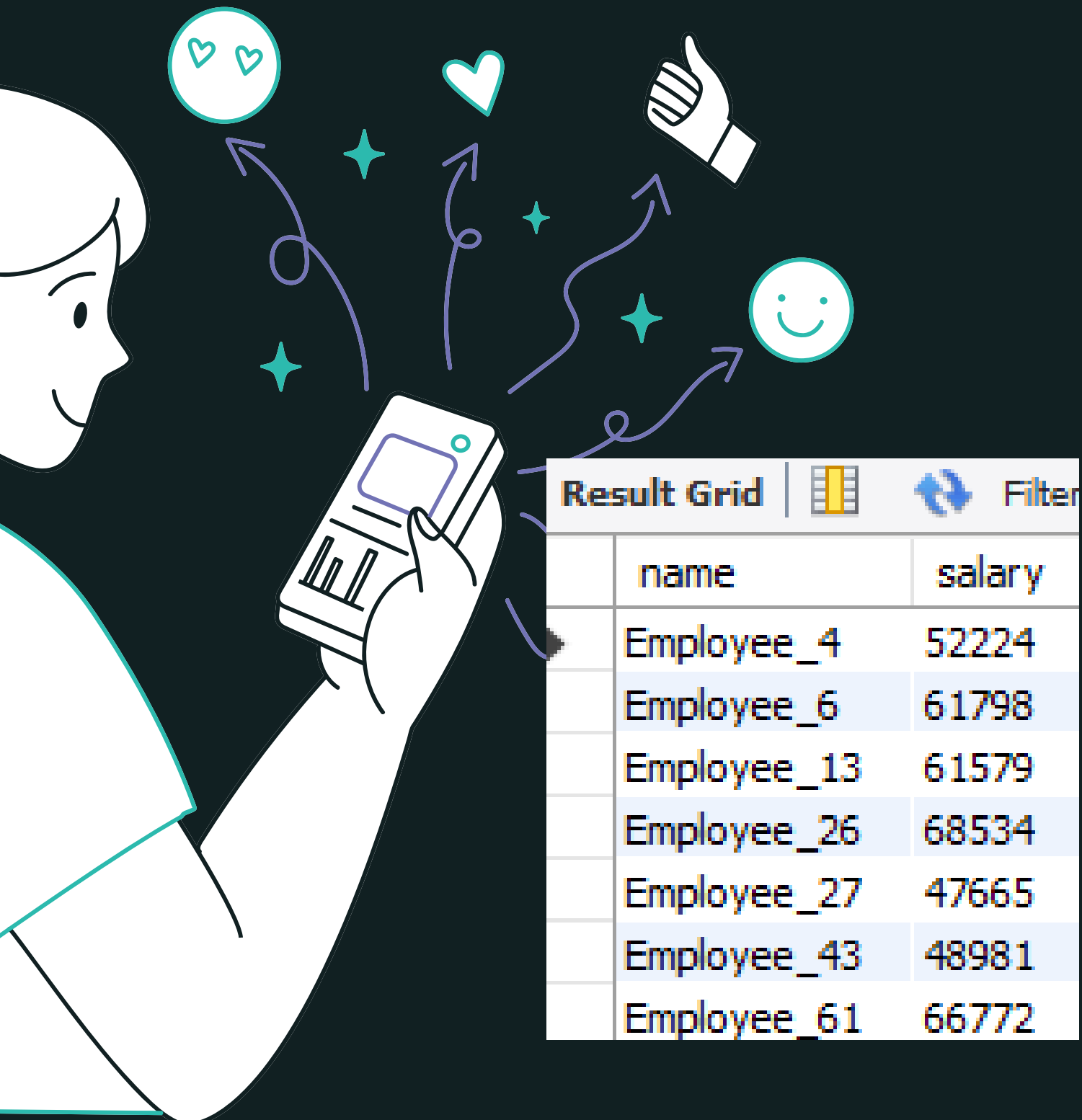
```
WHERE
```

```
    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;
```

Result Grid    Filter Rows: 		
	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;
```

Result Grid			Filter Row
	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 Rows		
	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;
```

Result Grid			Filter Rows
	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.

