

Assignment2 (Manami Oyama 100812125)

1)

<Query>

CREATE TABLE employee_sales

(

Attrition string,

Department string,

JobSatisfaction int,

MonthlyIncome int

);

INSERT OVERWRITE TABLE employee_sales

SELECT Attrition, Department, JobSatisfaction, MonthlyIncome

FROM employee;

SELECT * FROM employee_sales LIMIT 10;

employee_sales.attrition	employee_sales.department	employee_sales.job satisfaction	employee_sales.monthly income
Yes	Sales	4	5893
No	Research & Development	2	5130
Yes	Research & Development	3	2090
No	Research & Development	3	2909
No	Research & Development	2	3468
No	Research & Development	4	3068
No	Research & Development	1	2670
No	Research & Development	3	2603
No	Research & Development	3	9526
No	Research & Development	3	5237

2)

<Query>

```
-----  
INSERT OVERWRITE TABLE employee_sales  
SELECT Attrition, Department, JobSatisfaction, ROUND(MonthlyIncome/ 1000)  
FROM employee;  
-----
```

employee_sales.attrition	employee_sales.department	employee_sales.job satisfaction	employee_sales.monthlyincome
Yes	Sales	4	6
No	Research & Development	2	5
Yes	Research & Development	3	2
No	Research & Development	3	3
No	Research & Development	2	3
No	Research & Development	4	3
No	Research & Development	1	3
No	Research & Development	3	3
No	Research & Development	3	10
No	Research & Development	3	5

3})

<Query>

```
-----  
INSERT OVERWRITE TABLE employee_sales  
SELECT Attrition, Department, JobSatisfaction, MonthlyIncome  
FROM employee  
WHERE Department LIKE "%Sales%";  
-----
```

employee_sales.attrition	employee_sales.department	employee_sales.job satisfaction	employee_sales.monthlyincome
Yes	Sales	4	5993
No	Sales	4	15427
Yes	Sales	1	3407
No	Sales	2	6825
No	Sales	1	16947
Yes	Sales	4	2086
Yes	Sales	3	2683
No	Sales	4	2014
No	Sales	1	5376
No	Sales	3	8726

4)

<Query>

```

-----
INSERT OVERWRITE TABLE employee_sales
SELECT Attrition, Department, JobSatisfaction, MonthlyIncome
FROM employee
ORDER BY JobSatisfaction DESC;
-----

```

employee_sales.attrition	employee_sales.department	employee_sales.job satisfaction	employee_sales.monthlyincome
No	Human Resources	4	6347
No	Sales	4	4648
No	Research & Development	4	3452
No	Sales	4	5337
Yes	Research & Development	4	2340
No	Research & Development	4	7491
No	Research & Development	4	2406
No	Sales	4	4950
No	Research & Development	4	2781
No	Sales	4	5220